

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U101419\
 Data File : VU035153.D
 Acq On : 14 Oct 2019 16:32
 Operator : JC/SP
 Sample : K5311-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-3-191007-1

Quant Time: Oct 15 08:09:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 15 07:54:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	164266	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	173406	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	68888	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	46940	4.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.60%
7) Chloroethane-d5	1.67	69	45470	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.26	63	69117	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	4.19	46	157866	55.21	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.42%
24) Chloroform-d	4.62	84	95468	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.29	65	54262	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.32	84	180251	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.31	67	64920	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.55	98	151460	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.00%
43) trans-1,3-Dichloropropene-	7.84	79	19666	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.30	63	109543	47.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.16%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	56244	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	11.84	152	57496	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

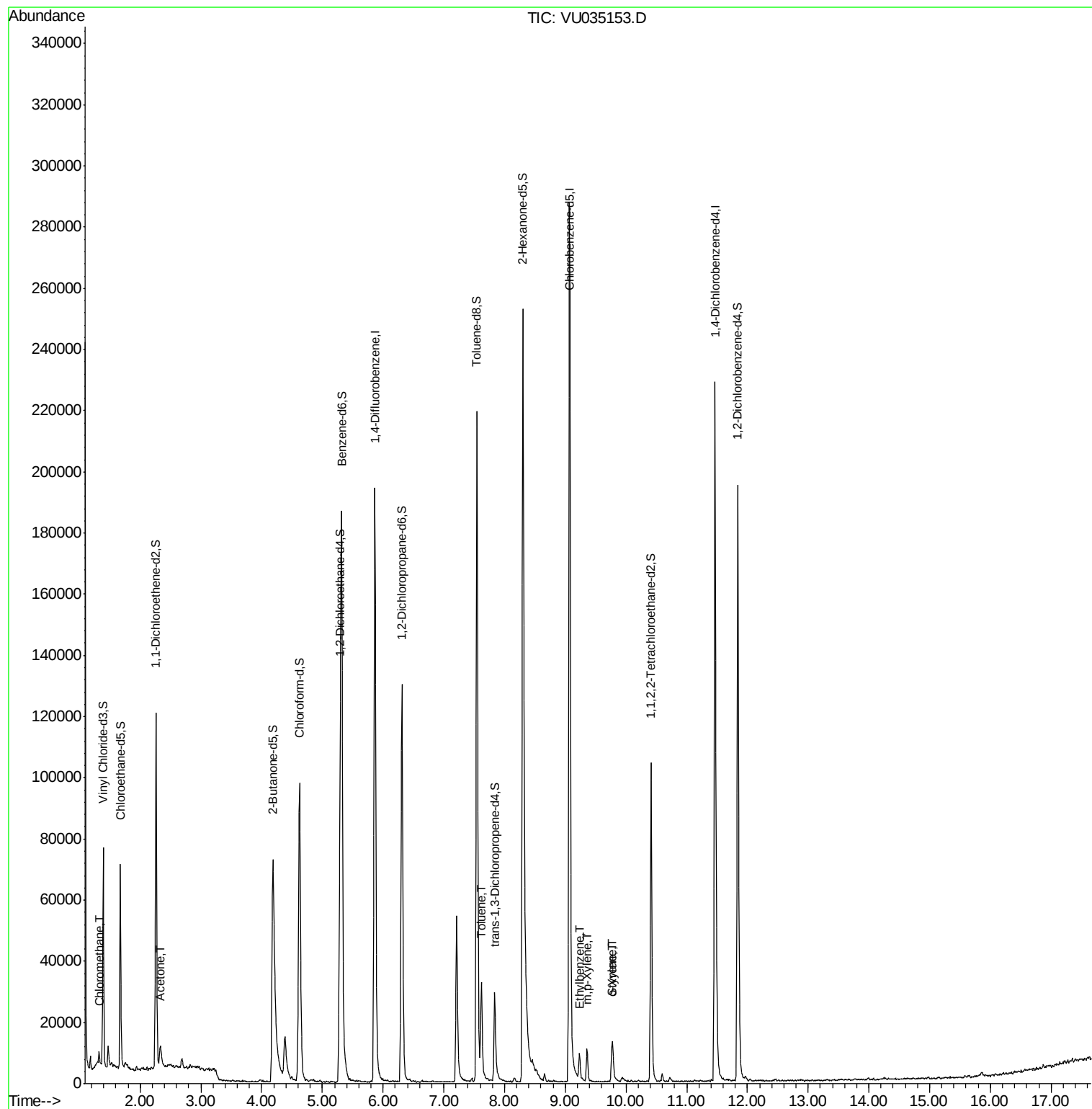
					Qvalue
3) Chloromethane	1.32	50	2039	0.124 ug/L	94
13) Acetone	2.33	43	12298	5.251 ug/L	88
42) Toluene	7.62	91	24742	0.454 ug/L	98
52) Ethylbenzene	9.23	91	5830	0.097 ug/L	96
53) m,p-Xylene	9.36	106	3652	0.164 ug/L	89
54) o-Xylene	9.76	106	2089	0.096 ug/L	85
55) Styrene	9.78	104	6550	0.186 ug/L	96

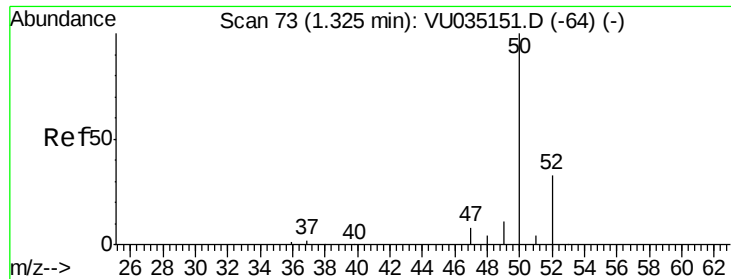
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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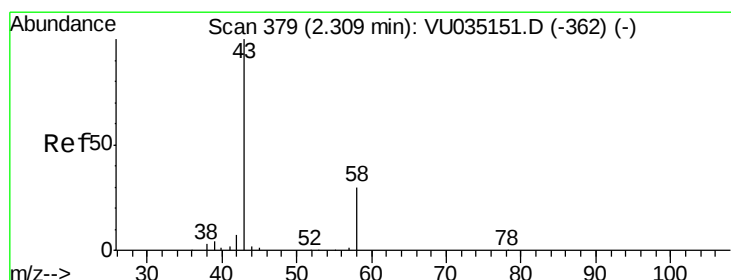
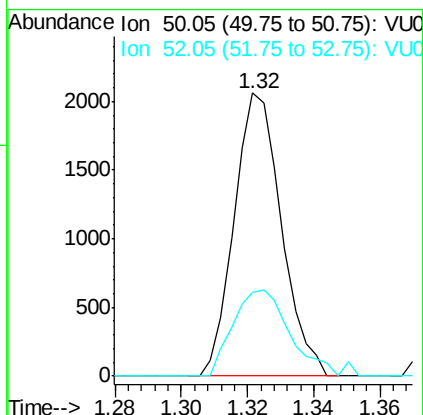
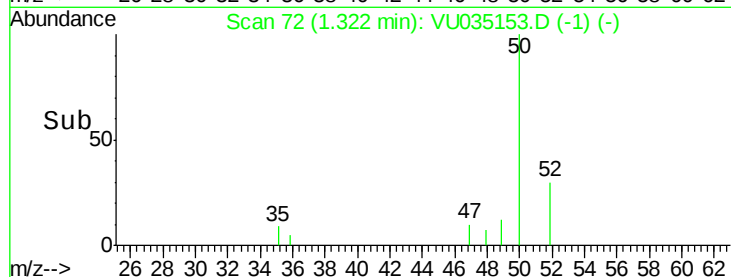
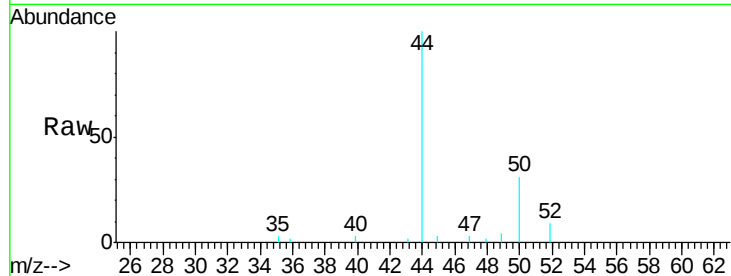




#3
 Chloromethane
 Concen: 0.124 ug/L
 RT: 1.32 min Scan# 72
 Delta R.T. -0.00 min
 Lab File: VU035153.D
 Acq: 14 Oct 2019 16:32

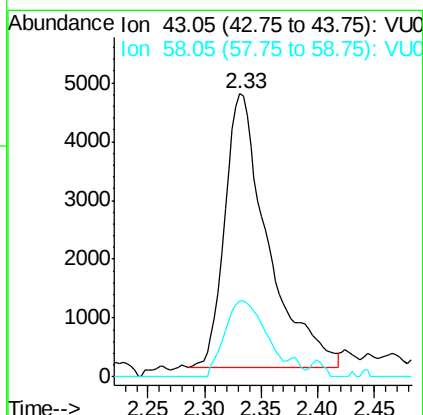
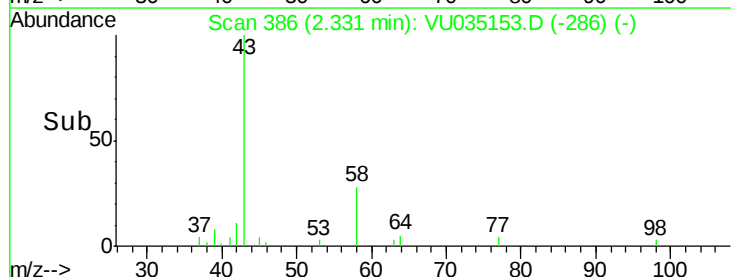
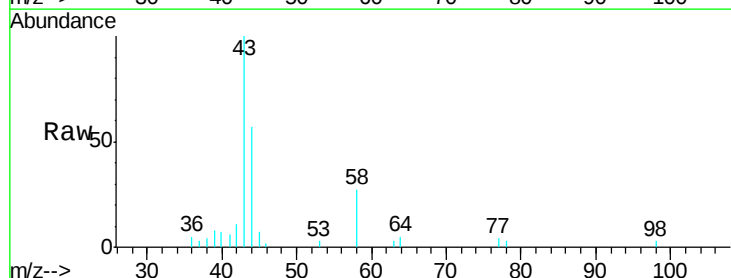
Instrument :
 MSVOA_U
 ClientSampleId :
 TB-3-191007-1

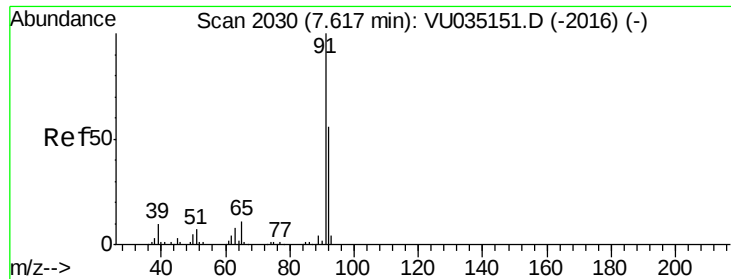
Tgt Ion: 50 Resp: 2039
 Ion Ratio Lower Upper
 50 100
 52 29.6 23.3 43.3



#13
 Acetone
 Concen: 5.251 ug/L
 RT: 2.33 min Scan# 386
 Delta R.T. 0.02 min
 Lab File: VU035153.D
 Acq: 14 Oct 2019 16:32

Tgt Ion: 43 Resp: 12298
 Ion Ratio Lower Upper
 43 100
 58 26.6 0.0 66.6





#42

Toluene

Concen: 0.454 ug/L

RT: 7.62 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VU035153.D

Acq: 14 Oct 2019 16:32

Instrument :

MSVOA_U

ClientSampleId :

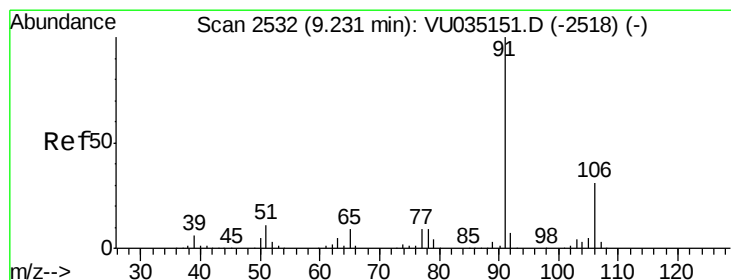
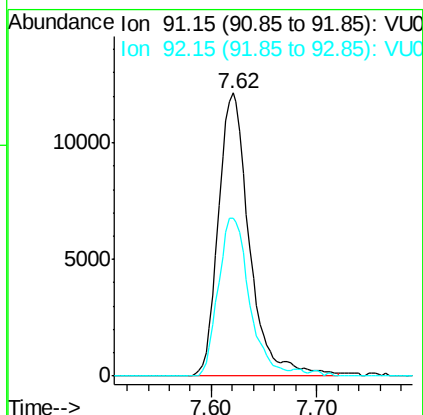
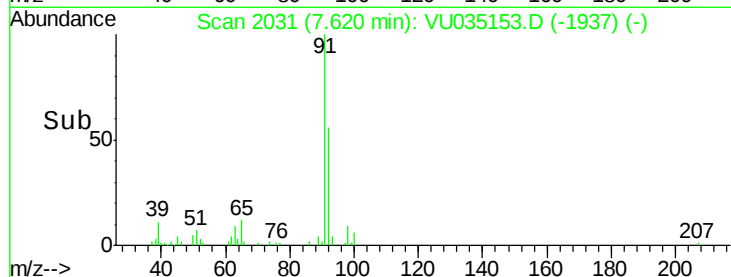
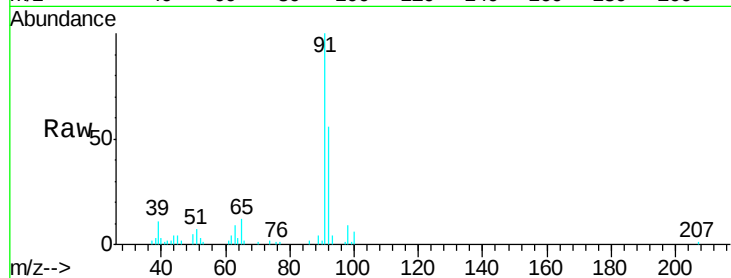
TB-3-191007-1

Tgt Ion: 91 Resp: 24742

Ion Ratio Lower Upper

91 100

92 56.0 40.0 74.2



#52

Ethylbenzene

Concen: 0.097 ug/L

RT: 9.23 min Scan# 2533

Delta R.T. 0.00 min

Lab File: VU035153.D

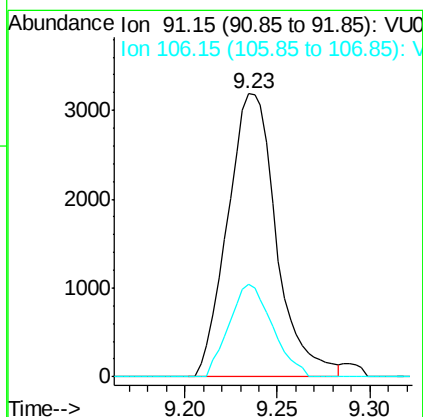
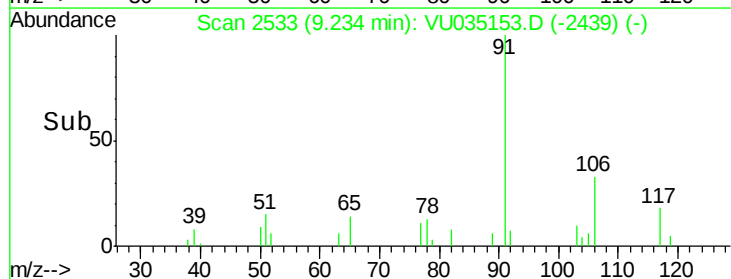
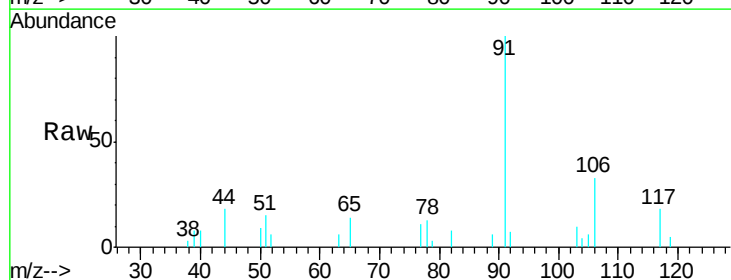
Acq: 14 Oct 2019 16:32

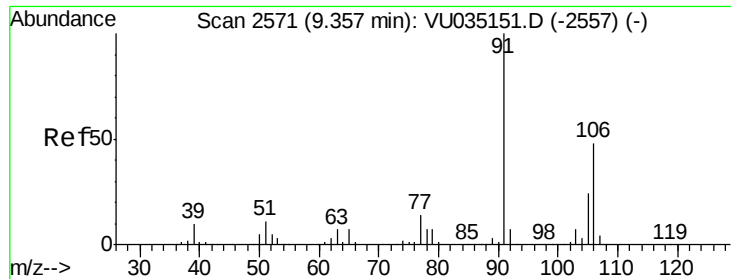
Tgt Ion: 91 Resp: 5830

Ion Ratio Lower Upper

91 100

106 32.9 21.6 40.2





#53

m,p-Xylene

Concen: 0.164 ug/L

RT: 9.36 min Scan# 2572

Delta R.T. 0.00 min

Lab File: VU035153.D

Acq: 14 Oct 2019 16:32

Instrument :

MSVOA_U

ClientSampleId :

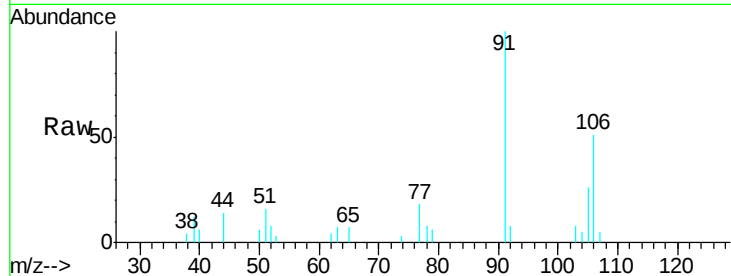
TB-3-191007-1

Tgt Ion:106 Resp: 3652

Ion Ratio Lower Upper

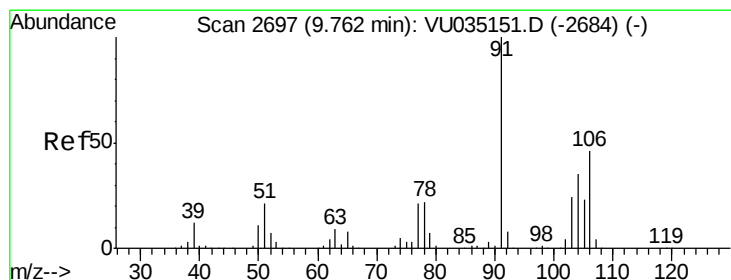
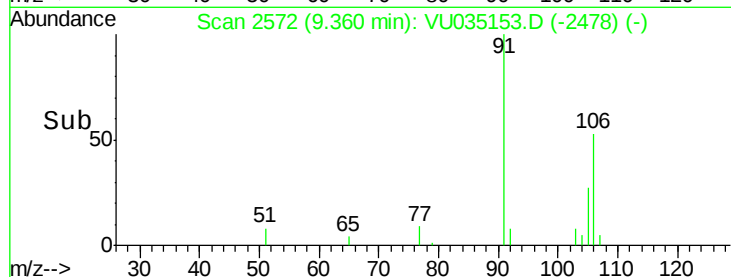
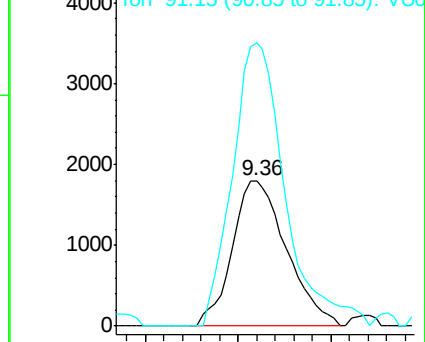
106 100

91 194.3 147.6 274.0



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#54

o-Xylene

Concen: 0.096 ug/L

RT: 9.76 min Scan# 2698

Delta R.T. 0.00 min

Lab File: VU035153.D

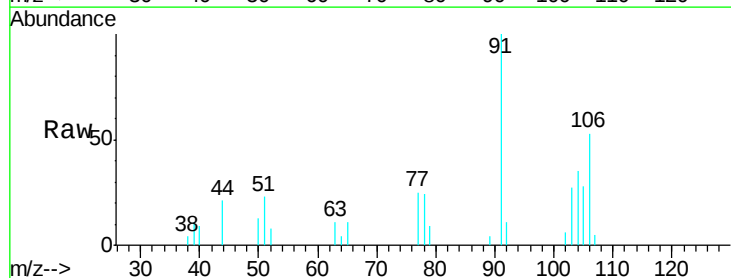
Acq: 14 Oct 2019 16:32

Tgt Ion:106 Resp: 2089

Ion Ratio Lower Upper

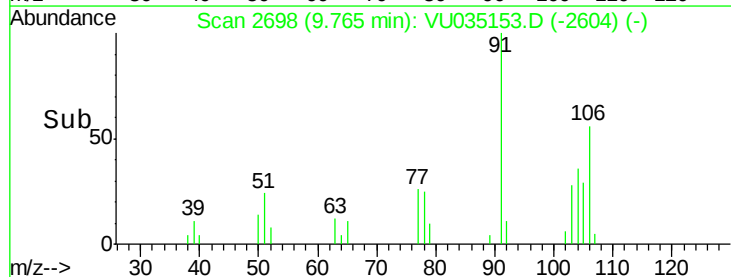
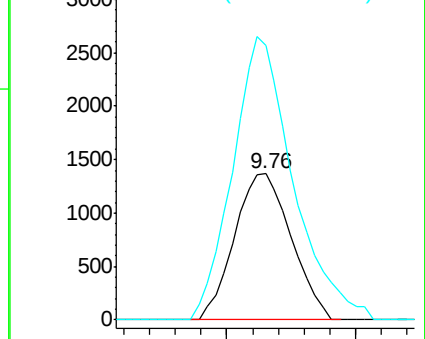
106 100

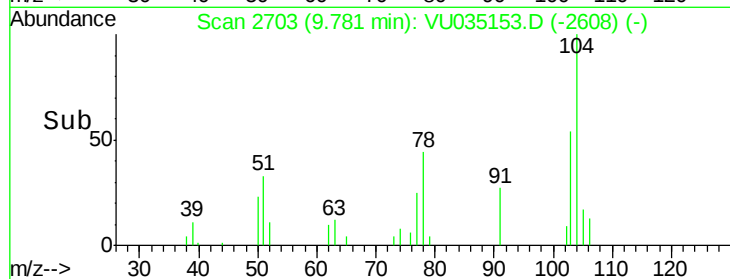
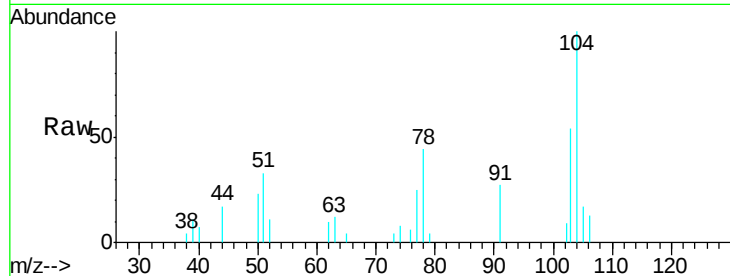
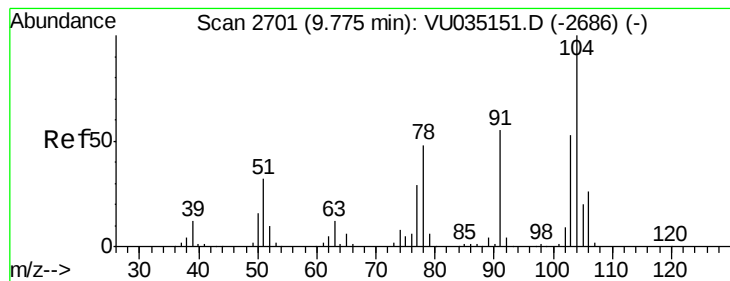
91 187.8 148.5 275.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0





#55

Styrene

Concen: 0.186 ug/L

RT: 9.78 min Scan# 2703

Delta R.T. 0.01 min

Lab File: VU035153.D

Acq: 14 Oct 2019 16:32

Instrument :

MSVOA_U

ClientSampleId :

TB-3-191007-1

Tgt Ion:104 Resp: 6550

Ion Ratio Lower Upper

104 100

78 44.1 32.8 60.8

