

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100719\
 Data File : VU034958.D
 Acq On : 07 Oct 2019 14:33
 Operator : JC/SP
 Sample : K5219-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-191002-01

Quant Time: Oct 09 04:15:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 09 03:56:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	199344	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	193544	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	88928	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	81728	6.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	138.80%#
7) Chloroethane-d5	1.67	69	72002	6.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	131.00%#
11) 1,1-Dichloroethene-d2	2.26	63	111754	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.00%
20) 2-Butanone-d5	4.18	46	197398	56.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.76%
24) Chloroform-d	4.62	84	124298	5.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.80%
26) 1,2-Dichloroethane-d4	5.29	65	75403	5.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.20%
32) Benzene-d6	5.31	84	282869	6.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	124.60%
36) 1,2-Dichloropropane-d6	6.31	67	91459	6.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	120.60%
41) Toluene-d8	7.54	98	250775	5.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.20%
43) trans-1,3-Dichloropropene-	7.83	79	29048	5.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.40%
46) 2-Hexanone-d5	8.30	63	151120	58.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.38%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	71567	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.00%
64) 1,2-Dichlorobenzene-d4	11.84	152	91490	6.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.00%#

Target Compounds

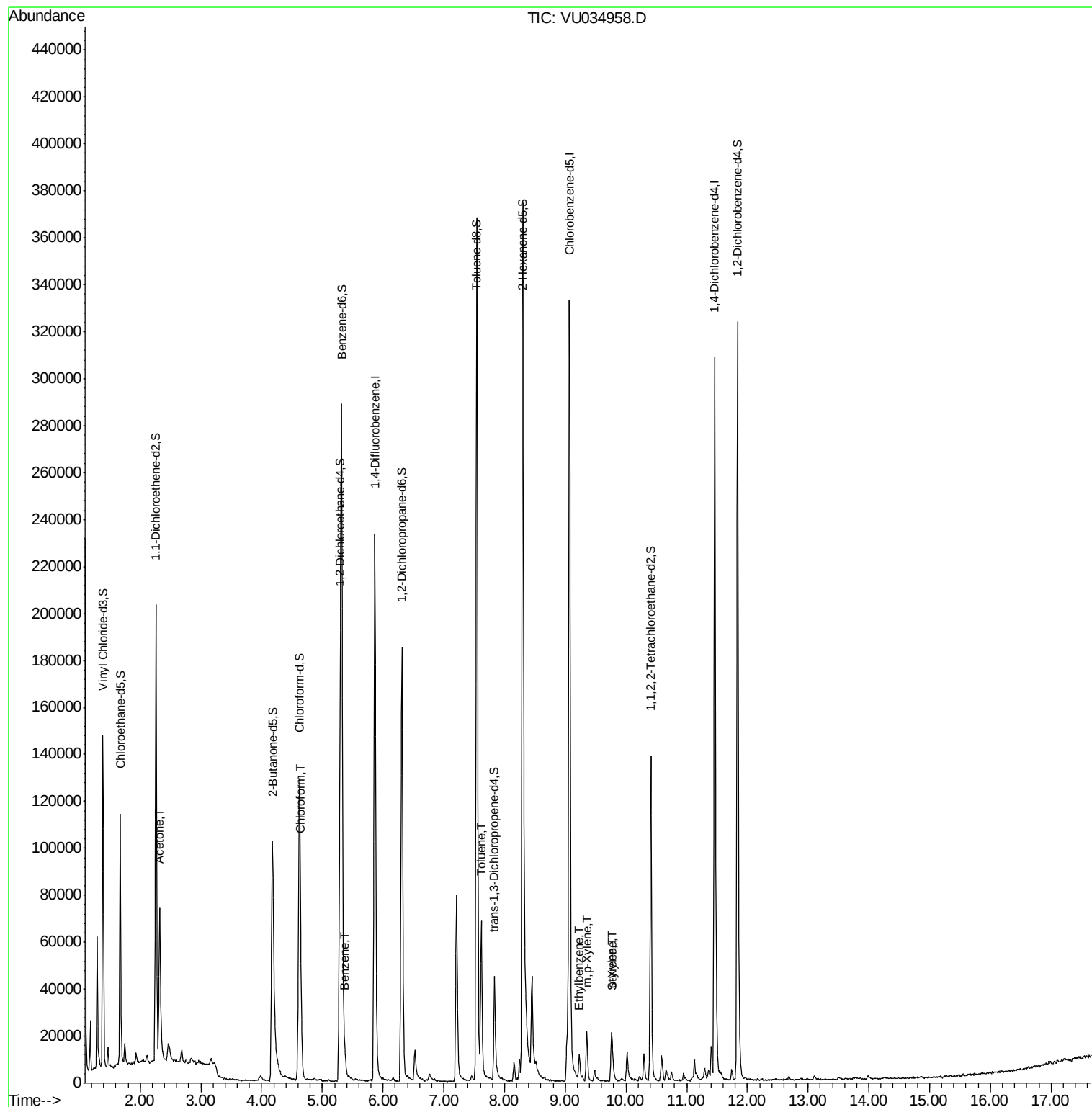
					Ovalue
13) Acetone	2.32	43	86586	30.466 ug/L	99
25) Chloroform	4.65	83	16842	0.550 ug/L	99
33) Benzene	5.37	78	8749	0.150 ug/L	100
42) Toluene	7.62	91	51198	0.841 ug/L	99
52) Ethylbenzene	9.23	91	7994	0.119 ug/L	94
53) m,p-Xylene	9.36	106	6477	0.261 ug/L	93
54) o-Xylene	9.76	106	4786	0.197 ug/L	99
55) Styrene	9.78	104	5828	0.148 ug/L	99

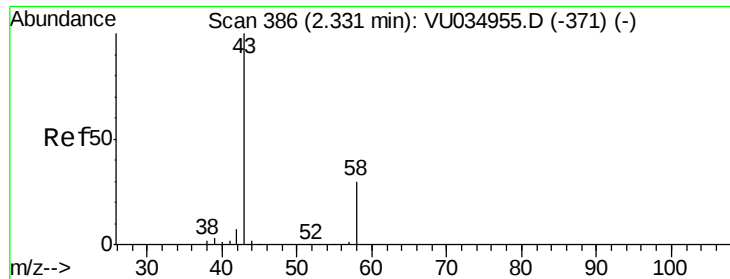
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 30.466 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.01 min

Lab File: VU034958.D

Acq: 07 Oct 2019 14:33

Instrument :

MSVOA_U

ClientSampleId :

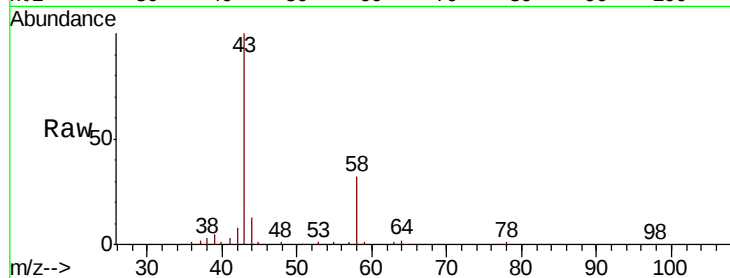
TB-191002-01

Tot Ion: 43 Resp: 86586

Ion Ratio Lower Upper

43 100

58 31.2 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU034955.D (-371) (-)

Ion 58.05 (57.75 to 58.75): VU034955.D (-371) (-)

2.32

40000

30000

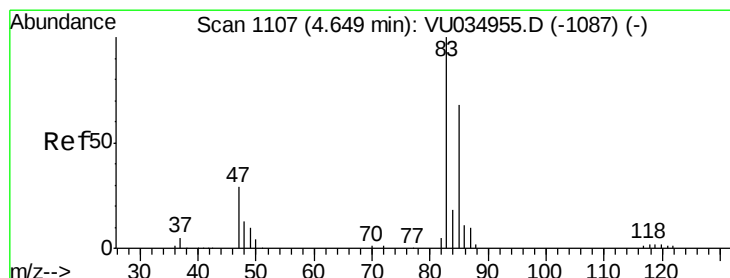
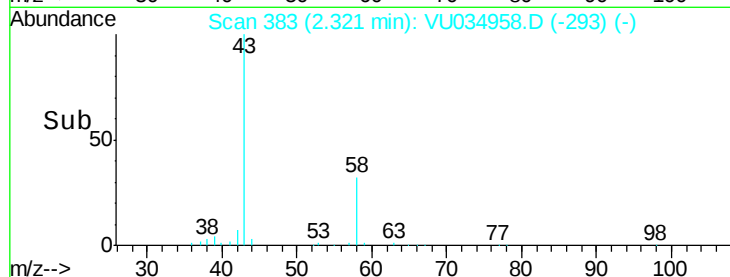
20000

10000

0

Time-->

2.20 2.30 2.40 2.50



#25

Chloroform

Concen: 0.550 ug/L

RT: 4.65 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VU034958.D

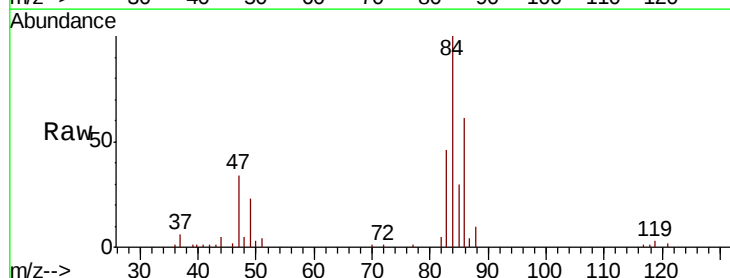
Acq: 07 Oct 2019 14:33

Tgt Ion: 83 Resp: 16842

Ion Ratio Lower Upper

83 100

85 65.3 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU034955.D (-1087) (-)

Ion 85.00 (84.70 to 85.70): VU034955.D (-1087) (-)

4.65

8000

6000

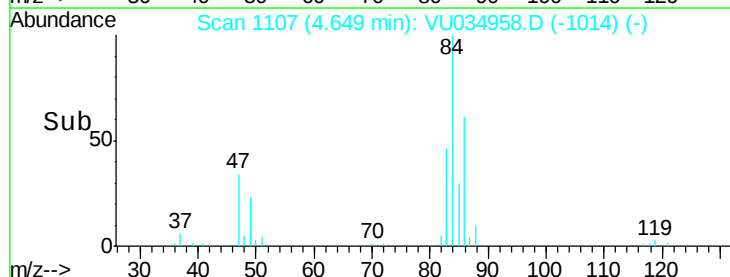
4000

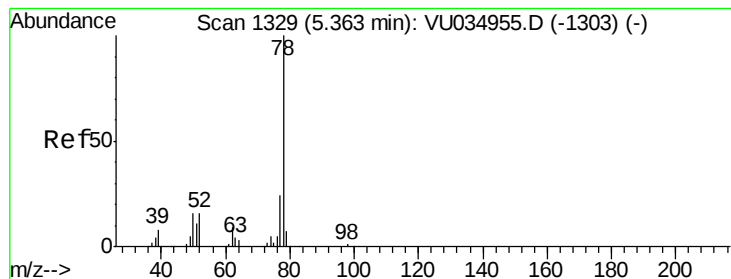
2000

0

Time-->

4.55 4.60 4.65 4.70 4.75





#33

Benzene

Concen: 0.150 ug/L

RT: 5.37 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VU034958.D

Acq: 07 Oct 2019 14:33

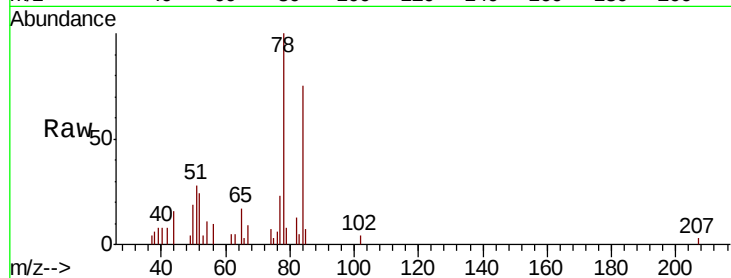
Instrument :

MSVOA_U

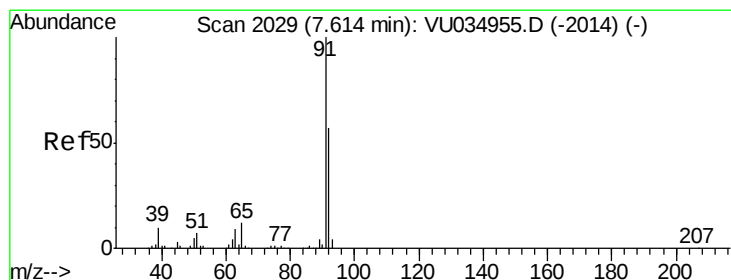
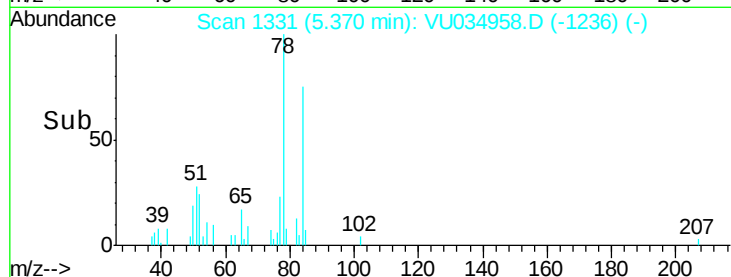
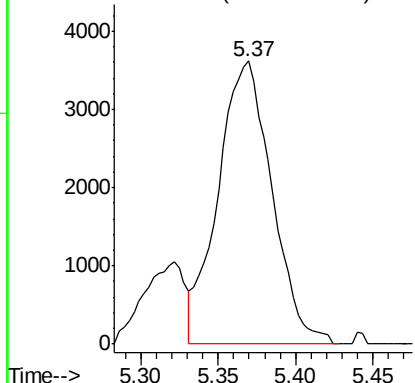
ClientSampleId :

TB-191002-01

Tgt Ion: 78 Resp: 8749



Abundance Ion 78.10 (77.80 to 78.80): VU0



#42

Toluene

Concen: 0.841 ug/L

RT: 7.62 min Scan# 2030

Delta R.T. 0.00 min

Lab File: VU034958.D

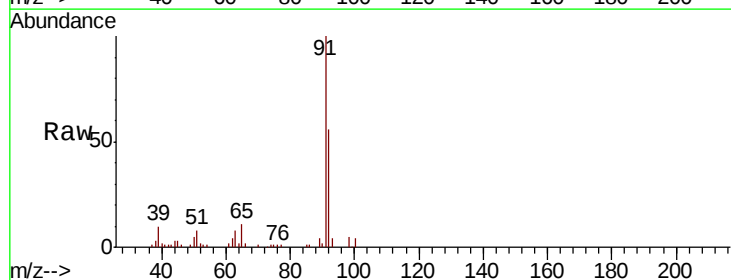
Acq: 07 Oct 2019 14:33

Tgt Ion: 91 Resp: 51198

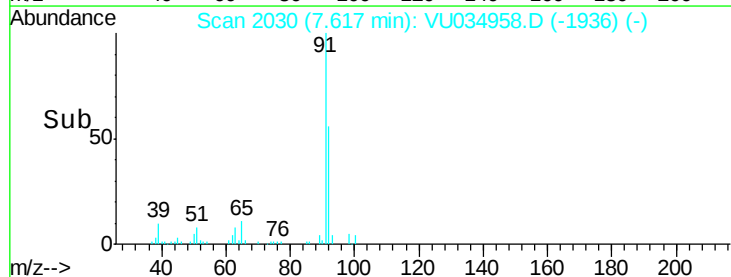
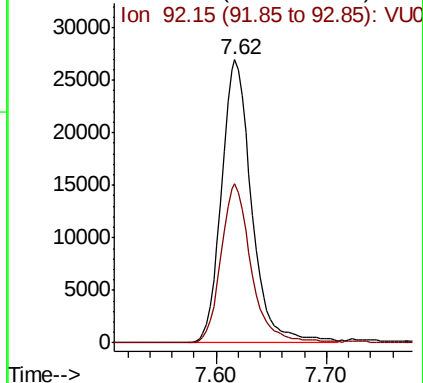
Ion Ratio Lower Upper

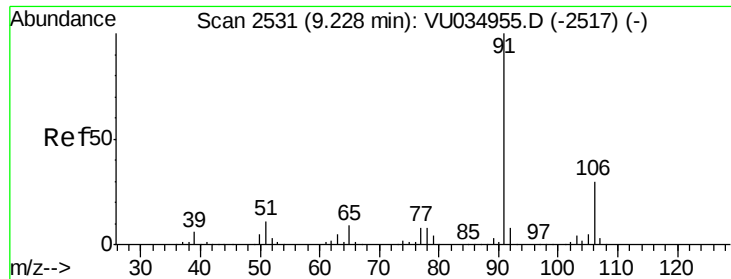
91 100

92 56.3 40.2 74.6



Abundance Ion 91.15 (90.85 to 91.85): VU0





#52

Ethylbenzene

Concen: 0.119 ug/L

RT: 9.23 min Scan# 2532

Delta R.T. 0.00 min

Lab File: VU034958.D

Acq: 07 Oct 2019 14:33

Instrument :

MSVOA_U

ClientSampleId :

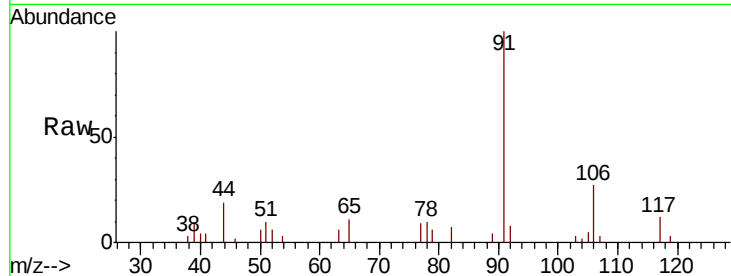
TB-191002-01

Tot Ion: 91 Resp: 7994

Ion Ratio Lower Upper

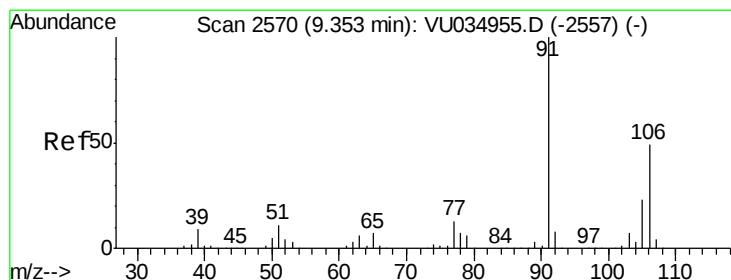
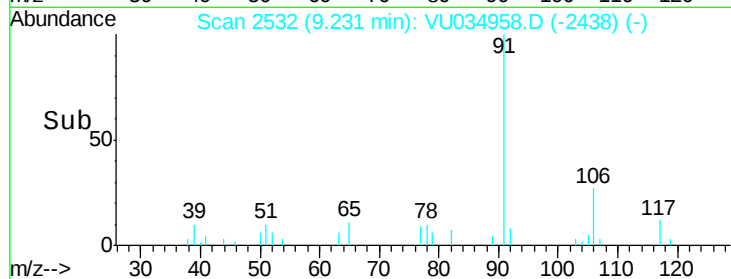
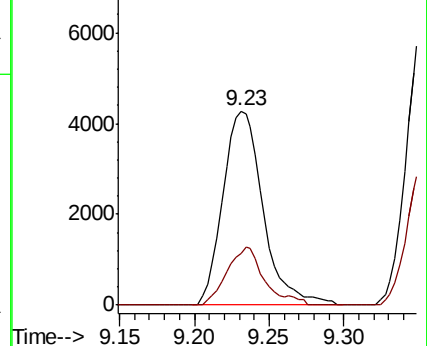
91 100

106 27.0 21.1 39.3



Abundance Ion 91.15 (90.85 to 91.85): VU034955.D (-2517) (-)

Ion 106.15 (105.85 to 106.85): VU034955.D (-2517) (-)



#53

m,p-Xylene

Concen: 0.261 ug/L

RT: 9.36 min Scan# 2571

Delta R.T. 0.00 min

Lab File: VU034958.D

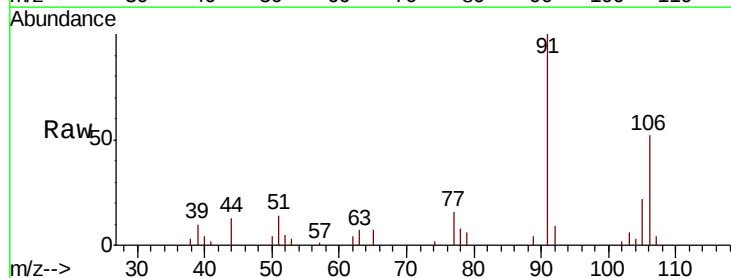
Acq: 07 Oct 2019 14:33

Tgt Ion: 106 Resp: 6477

Ion Ratio Lower Upper

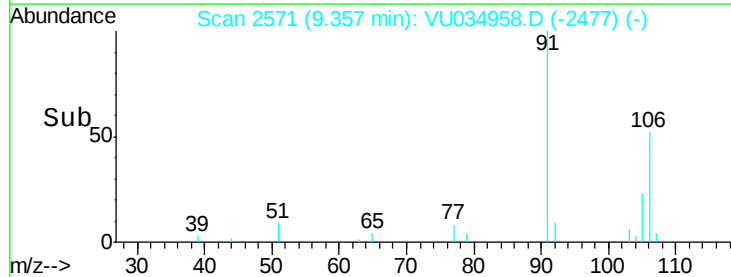
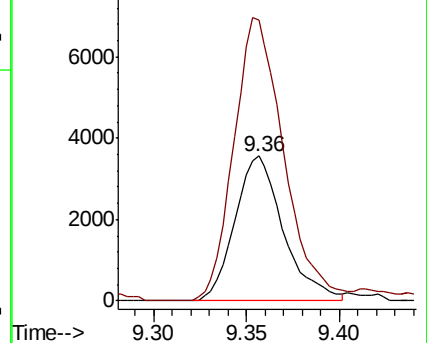
106 100

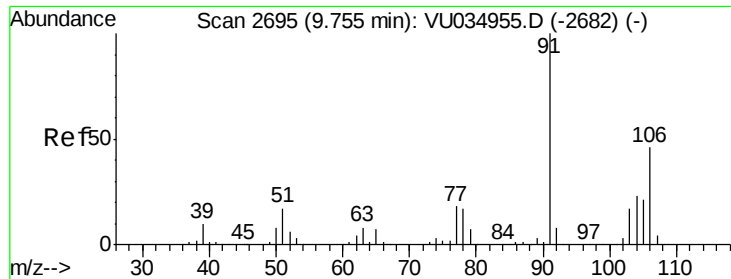
91 194.0 143.1 265.9



Abundance Ion 106.15 (105.85 to 106.85): VU034955.D (-2557) (-)

Ion 91.15 (90.85 to 91.85): VU034955.D (-2557) (-)

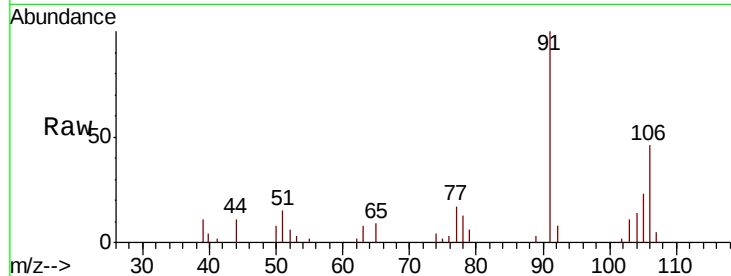




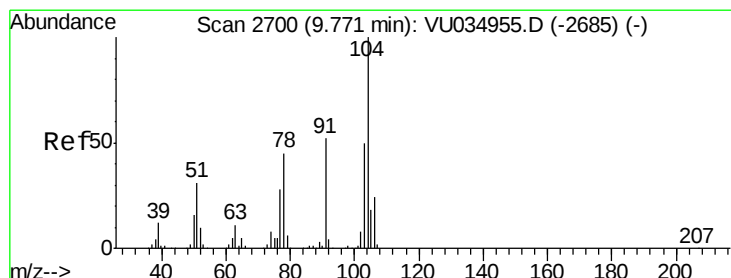
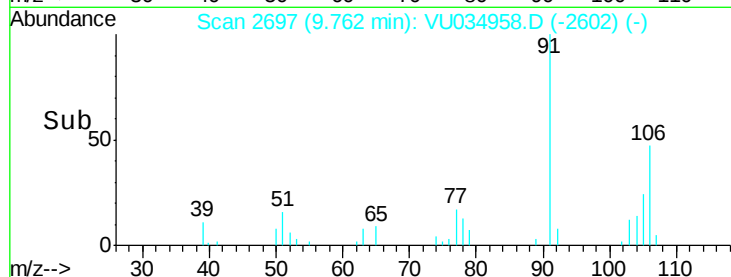
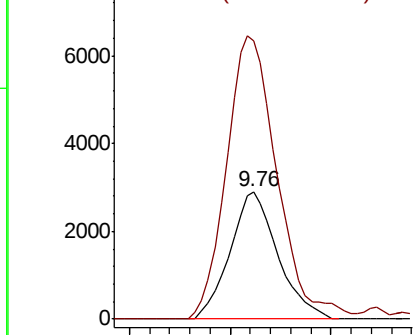
#54
o-Xylene
Concen: 0.197 ug/L
RT: 9.76 min Scan# 2697
Delta R.T. 0.01 min
Lab File: VU034958.D
Acq: 07 Oct 2019 14:33

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TB-191002-01

Tot Ion:106 Resp: 4786
Ion Ratio Lower Upper
106 100
91 218.2 151.6 281.6

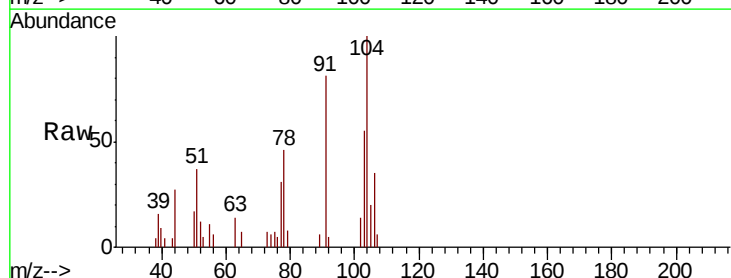


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0



#55
Styrene
Concen: 0.148 ug/L
RT: 9.78 min Scan# 2702
Delta R.T. 0.01 min
Lab File: VU034958.D
Acq: 07 Oct 2019 14:33

Tgt Ion:104 Resp: 5828
Ion Ratio Lower Upper
104 100
78 46.2 32.7 60.7



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VU0

