

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101219\
 Data File : VU035094.D
 Acq On : 11 Oct 2019 17:07
 Operator : JC/SP
 Sample : K5309-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RB-1-191004-01

Quant Time: Oct 12 03:38:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 12 02:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	160905	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	169067	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	69070	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	57341	6.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	120.60%
7) Chloroethane-d5	1.67	69	51838	5.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.80%
11) 1,1-Dichloroethene-d2	2.26	63	81183	4.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.00%
20) 2-Butanone-d5	4.19	46	111324	39.74	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.48%
24) Chloroform-d	4.62	84	101798	5.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.40%
26) 1,2-Dichloroethane-d4	5.29	65	55460	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.32	84	198020	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.31	67	67849	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.55	98	173801	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	7.84	79	21128	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.30	63	111475	49.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.28%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	58169	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	11.84	152	61469	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

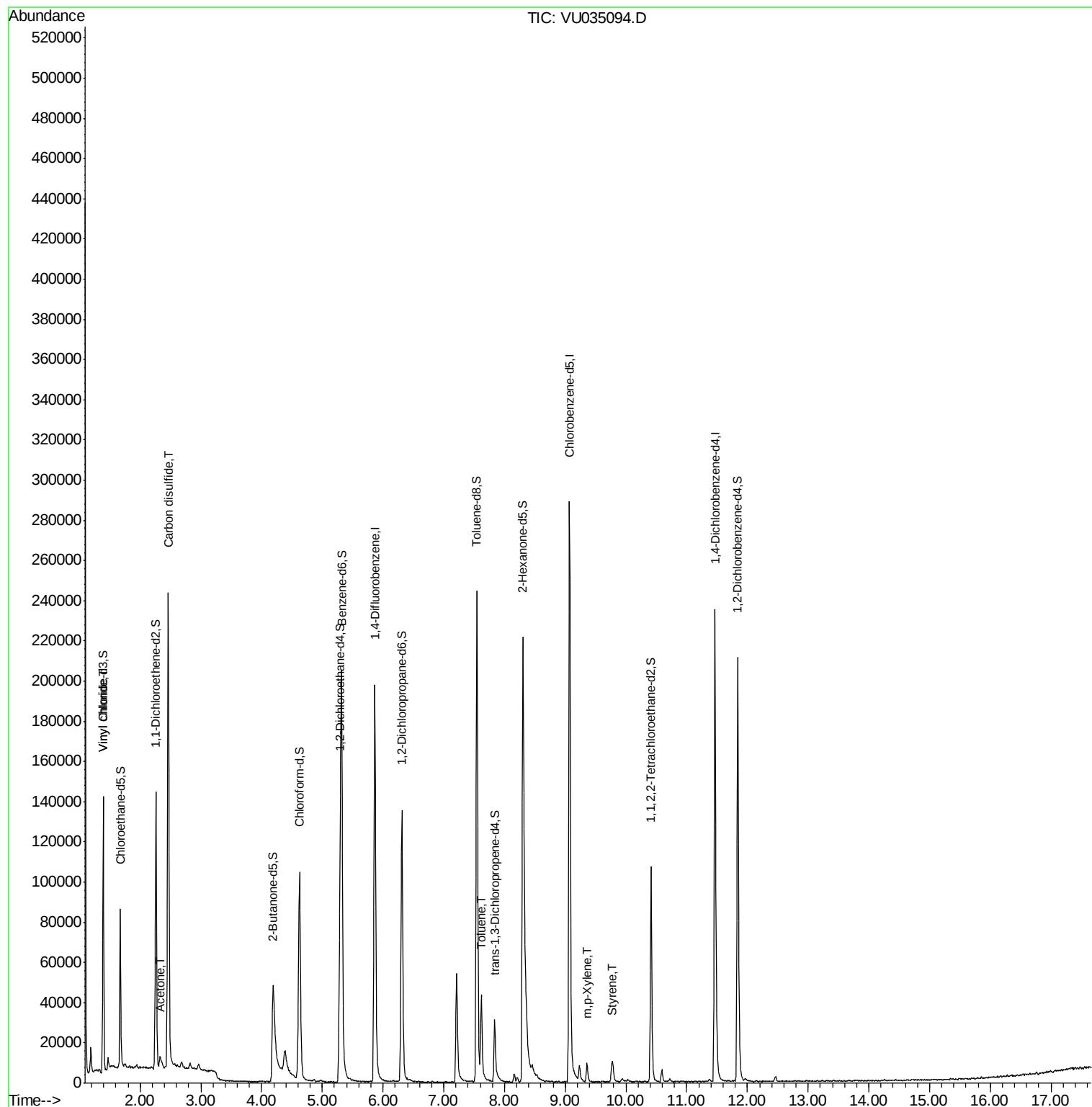
					Ovalue
5) Vinyl chloride	1.40	62	33888	2.139 ug/L	98
13) Acetone	2.33	43	8827	3.848 ug/L	98
14) Carbon disulfide	2.46	76	288967	8.402 ug/L	100
42) Toluene	7.62	91	30999	0.583 ug/L	97
53) m,p-Xylene	9.35	106	3169	0.146 ug/L	78
55) Styrene	9.78	104	4981	0.145 ug/L	87

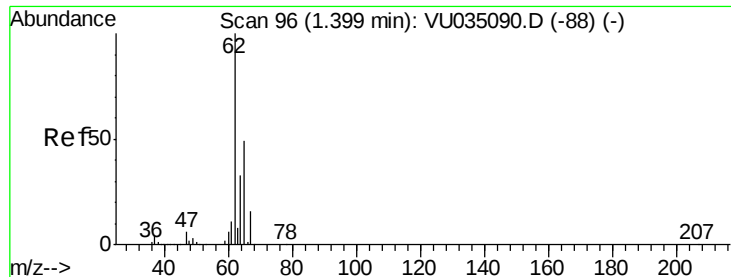
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.139 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.00 min

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MSVOA_U

ClientSampleId :

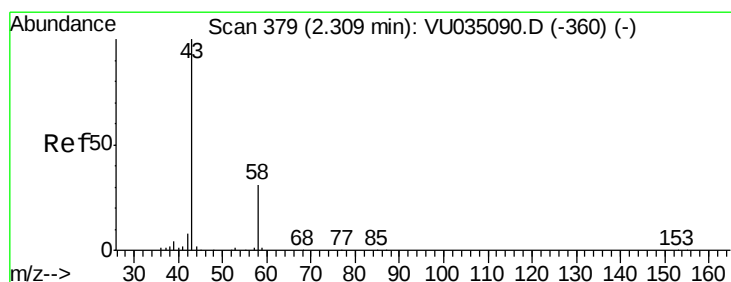
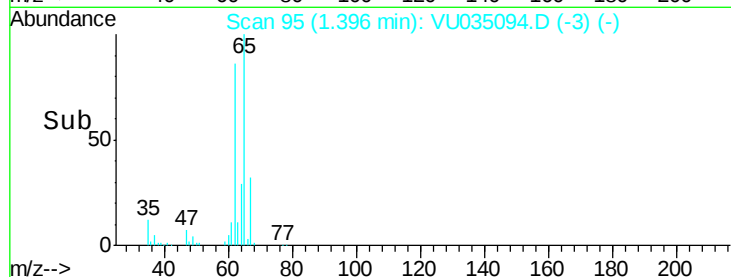
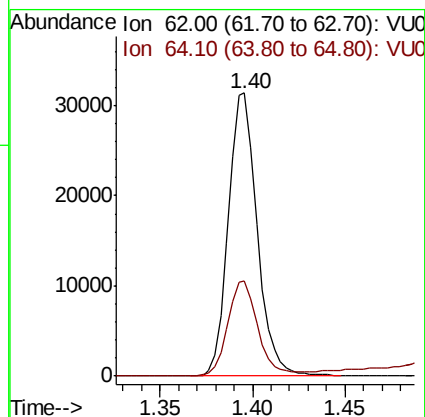
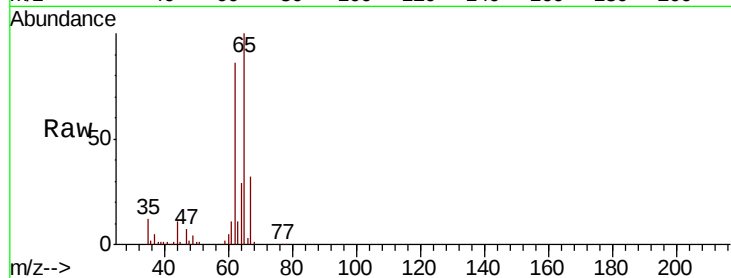
RB-1-191004-01

Tot Ion: 62 Resp: 33888

Ion Ratio Lower Upper

62 100

64 33.7 22.8 42.4



#13

Acetone

Concen: 3.848 ug/L

RT: 2.33 min Scan# 386

Delta R.T. 0.02 min

Lab File: VU035094.D

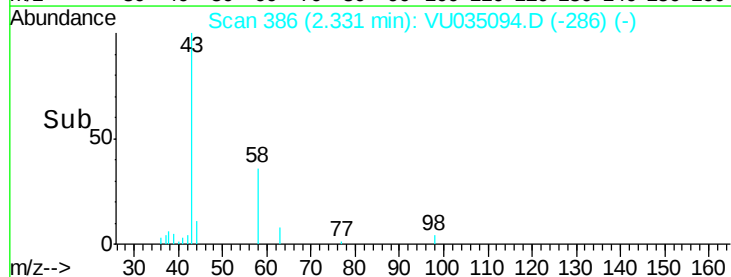
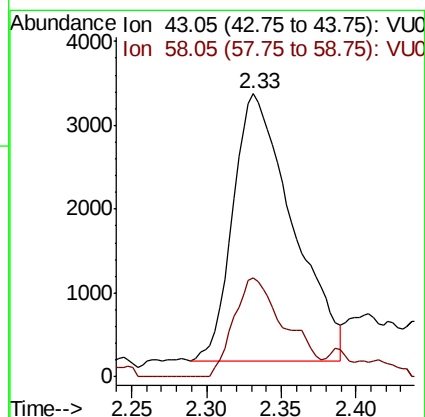
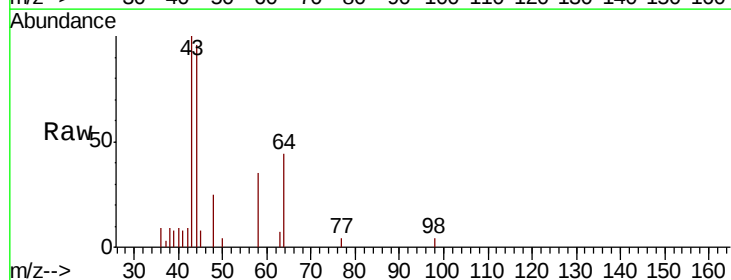
Acq: 11 Oct 2019 17:07

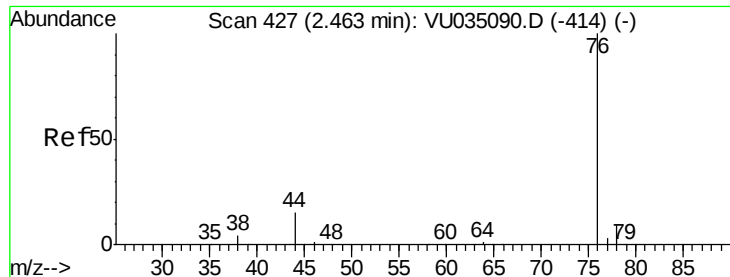
Tgt Ion: 43 Resp: 8827

Ion Ratio Lower Upper

43 100

58 32.4 0.0 66.6





#14

Carbon disulfide

Concen: 8.402 ug/L

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

Lab File: VU035094.D

Acq: 11 Oct 2019 17:07

Instrument :

MSVOA_U

ClientSampleId :

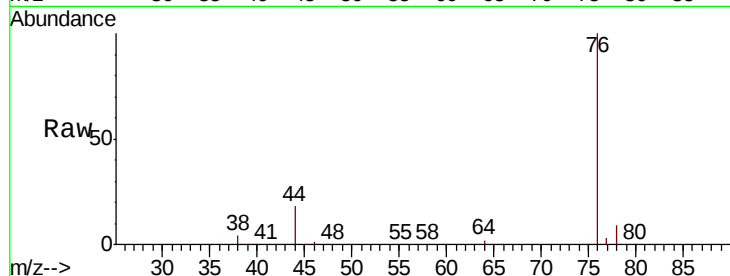
RB-1-191004-01

Tot Ion: 76 Resp: 288967

Ion Ratio Lower Upper

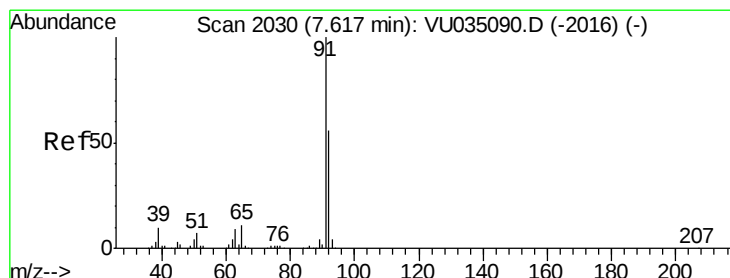
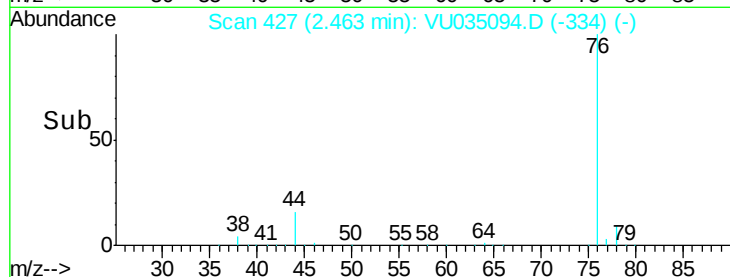
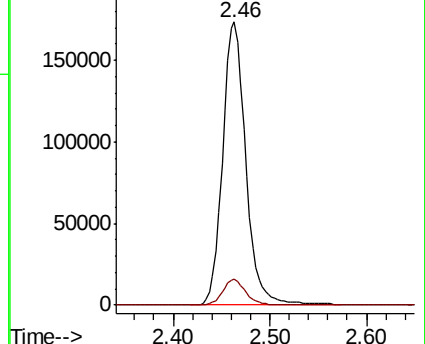
76 100

78 9.0 7.1 10.7



Abundance Ion 76.05 (75.75 to 76.75): VU035090.D (-414) (-)

Ion 78.00 (77.70 to 78.70): VU035090.D (-414) (-)



#42

Toluene

Concen: 0.583 ug/L

RT: 7.62 min Scan# 2030

Delta R.T. 0.00 min

Lab File: VU035094.D

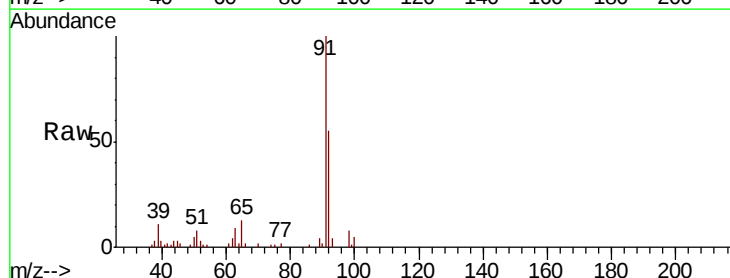
Acq: 11 Oct 2019 17:07

Tgt Ion: 91 Resp: 30999

Ion Ratio Lower Upper

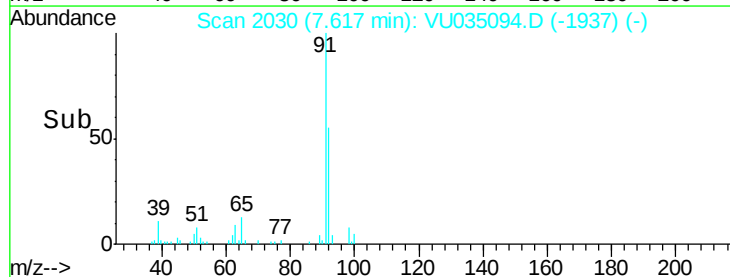
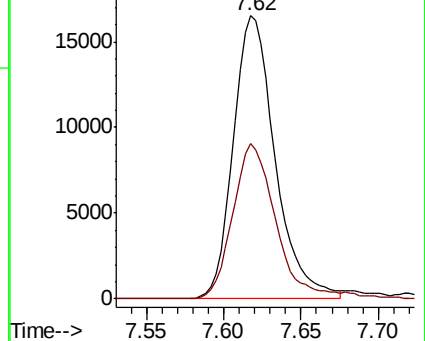
91 100

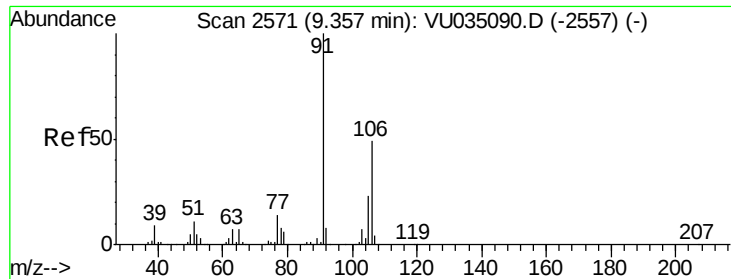
92 55.0 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU035090.D (-1916) (-)

Ion 92.15 (91.85 to 92.85): VU035090.D (-1916) (-)





#53

m,p-Xylene

Concen: 0.146 ug/L

RT: 9.35 min Scan# 2570

Delta R.T. -0.00 min

Lab File: VU035094.D

Acq: 11 Oct 2019 17:07

Instrument :

MSVOA_U

ClientSampleId :

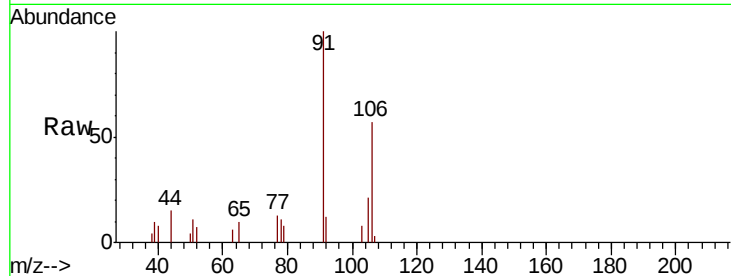
RB-1-191004-01

Tot Ion:106 Resp: 3169

Ion Ratio Lower Upper

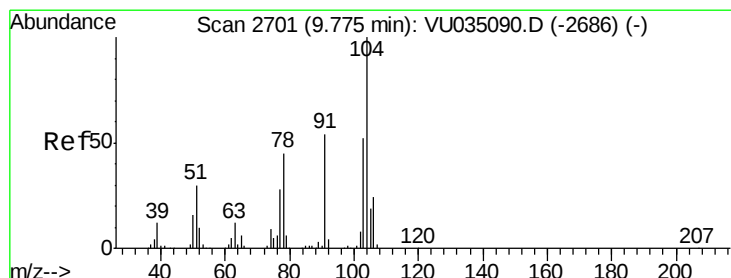
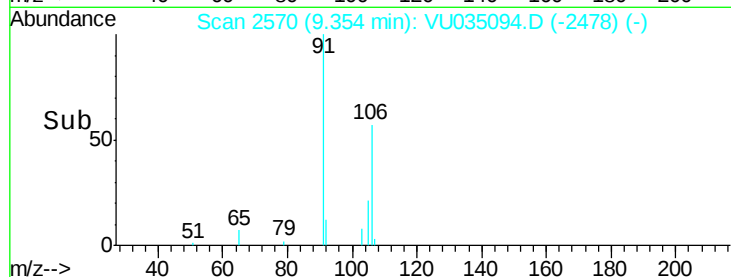
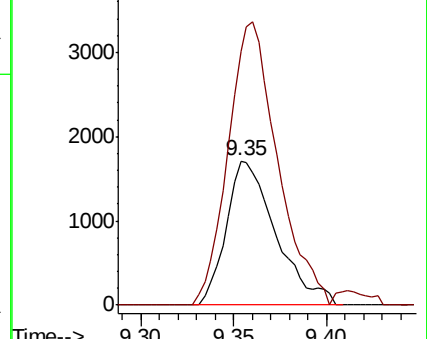
106 100

91 176.1 147.6 274.0



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#55

Styrene

Concen: 0.145 ug/L

RT: 9.78 min Scan# 2703

Delta R.T. 0.01 min

Lab File: VU035094.D

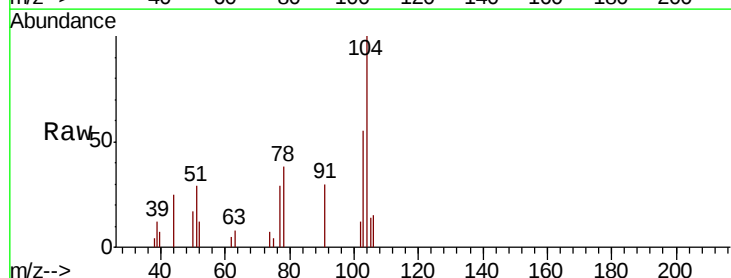
Acq: 11 Oct 2019 17:07

Tgt Ion:104 Resp: 4981

Ion Ratio Lower Upper

104 100

78 38.2 32.8 60.8



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VU0

