

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091820\
 Data File : VU040207.D
 Acq On : 18 Sep 2020 13:43
 Operator : SY/MD
 Sample : L4063-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0TR3

Quant Time: Sep 19 00:06:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 18 23:20:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	100123	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	99418	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	45179	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27421	5.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.40%
7) Chloroethane-d5	1.92	69	26498	5.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.40%
11) 1,1-Dichloroethene-d2	2.58	63	48465	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	4.66	46	130096	59.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.00%
24) Chloroform-d	5.08	84	69064	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
26) 1,2-Dichloroethane-d4	5.72	65	44094	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.80%
32) Benzene-d6	5.75	84	123692	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
36) 1,2-Dichloropropane-d6	6.70	67	42075	5.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.00%
41) Toluene-d8	7.91	98	95171	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	8.19	79	16827	4.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.80%
46) 2-Hexanone-d5	8.64	63	95120	57.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.28%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	38993	5.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	40993	5.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.20%

Target Compounds

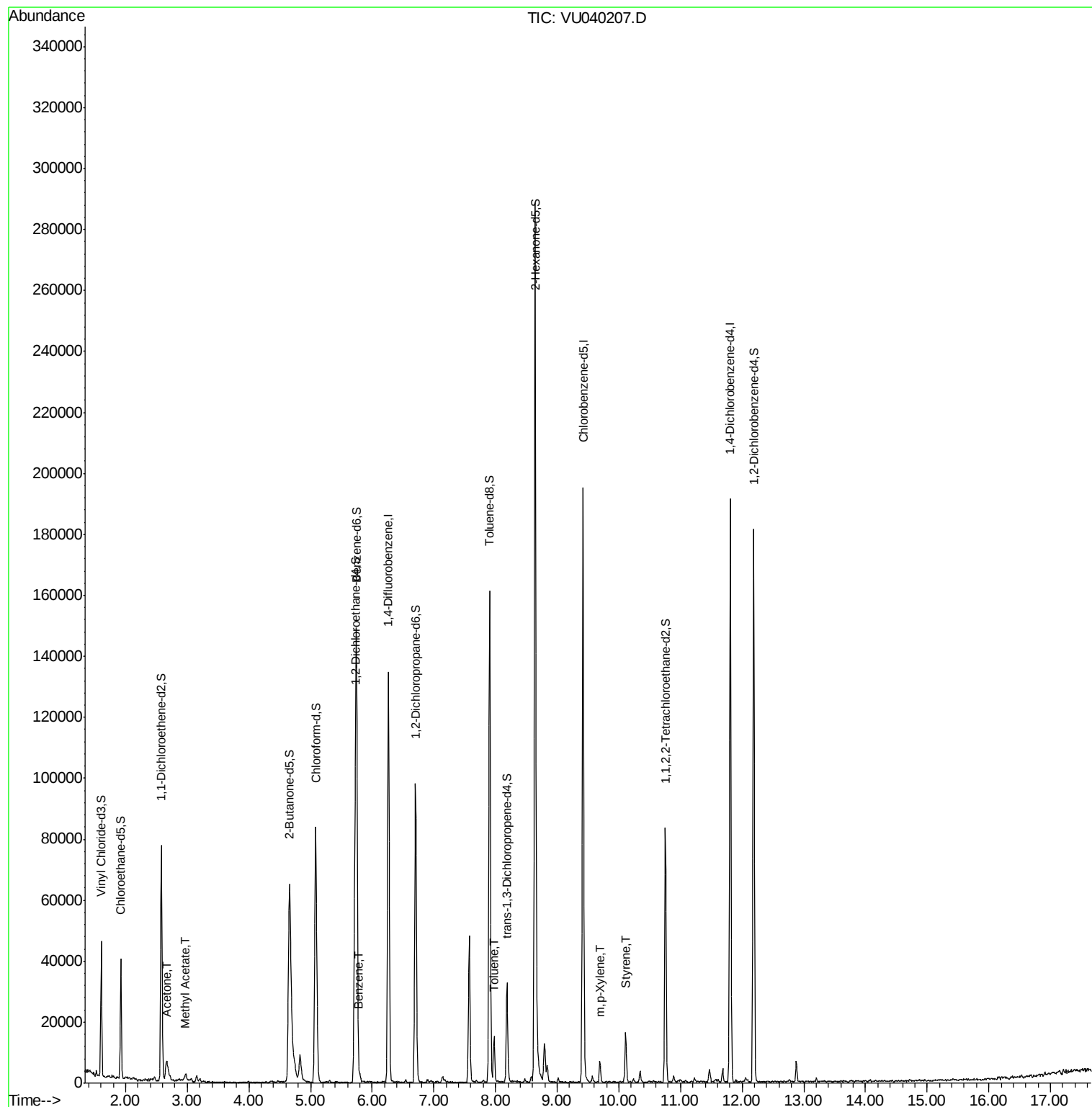
					Ovalue
13) Acetone	2.66	43	14785	7.304	ug/L 95
15) Methyl Acetate	2.97	43	2923	0.575	ug/L 98
33) Benzene	5.79	78	2186	0.061	ug/L 100
42) Toluene	7.98	91	9808	0.268	ug/L 97
53) m,p-Xylene	9.69	106	1701	0.115	ug/L 99
55) Styrene	10.11	104	7338	0.299	ug/L 86

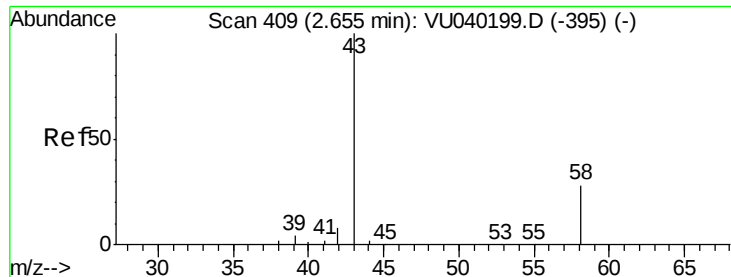
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 18 23:20:35 2020
Response via : Initial Calibration





#13

Acetone

Concen: 7.304 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU040207.D

Acq: 18 Sep 2020 13:43

Instrument :

MSVOA_U

ClientSampleId :

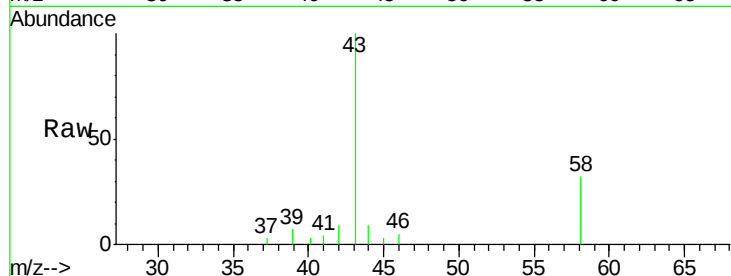
C0TR3

Tot Ion: 43 Resp: 14785

Ion Ratio Lower Upper

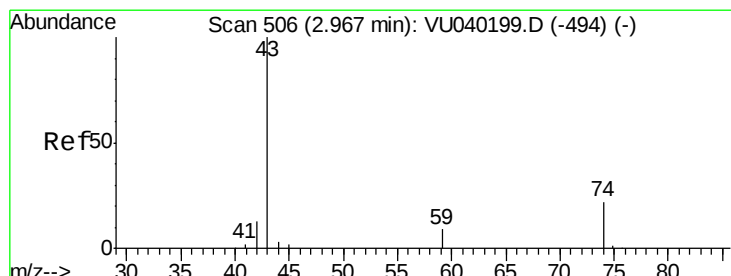
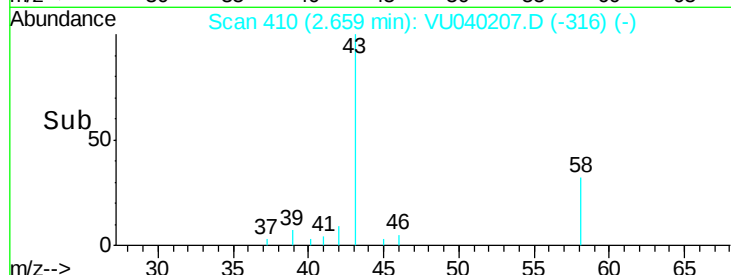
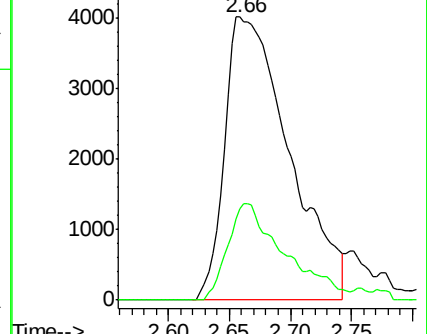
43 100

58 30.2 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#15

Methyl Acetate

Concen: 0.575 ug/L

RT: 2.97 min Scan# 507

Delta R.T. 0.00 min

Lab File: VU040207.D

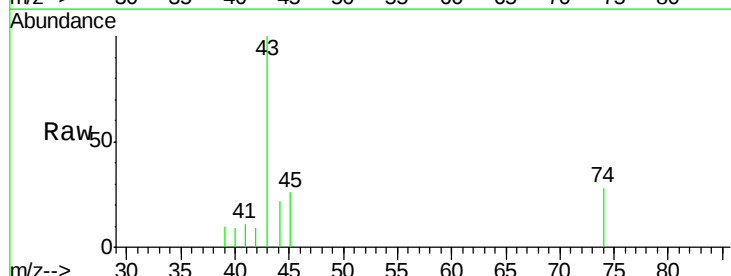
Acq: 18 Sep 2020 13:43

Tgt Ion: 43 Resp: 2923

Ion Ratio Lower Upper

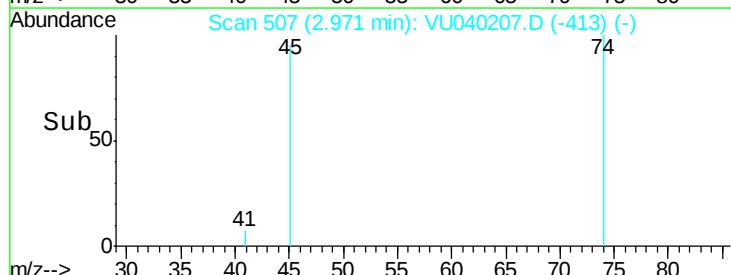
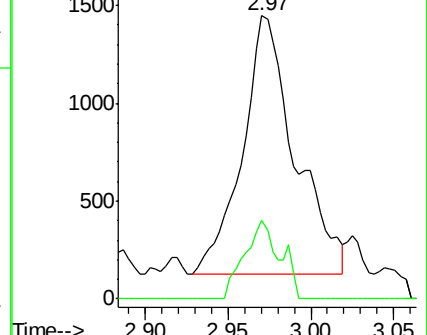
43 100

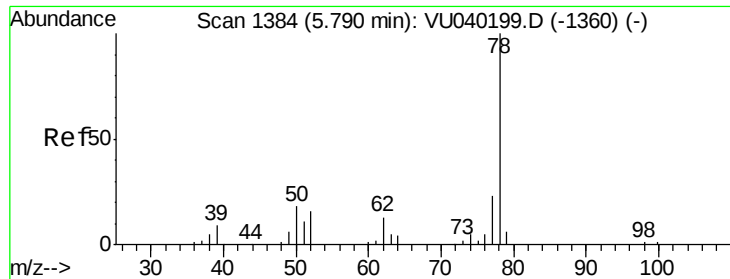
74 20.6 17.4 26.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0





#33

Benzene

Concen: 0.061 ug/L

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU040207.D

Acq: 18 Sep 2020 13:43

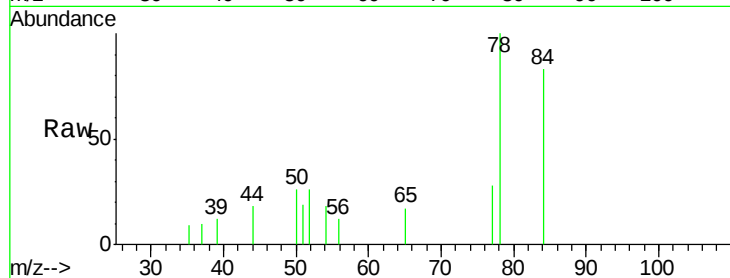
Instrument :

MSVOA_U

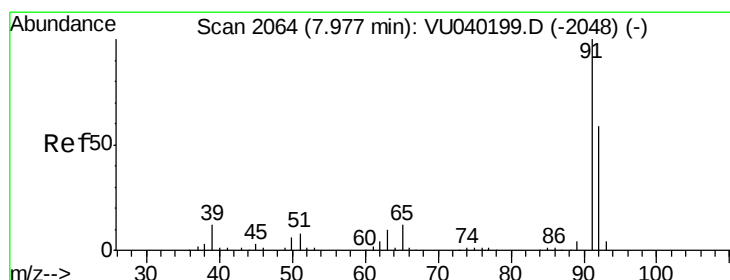
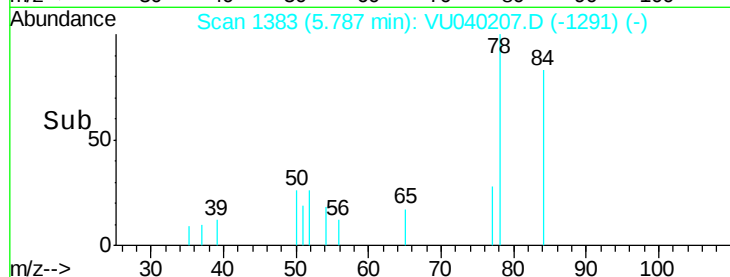
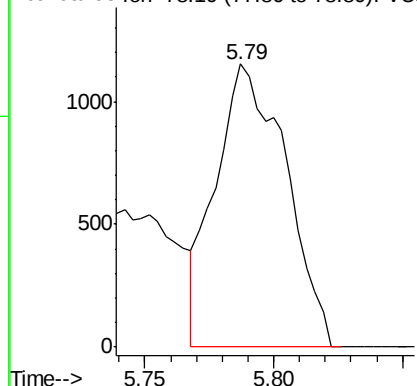
ClientSampleId :

C0TR3

Tgt Ion: 78 Resp: 2186



Abundance Ion 78.10 (77.80 to 78.80): VU0



#42

Toluene

Concen: 0.268 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU040207.D

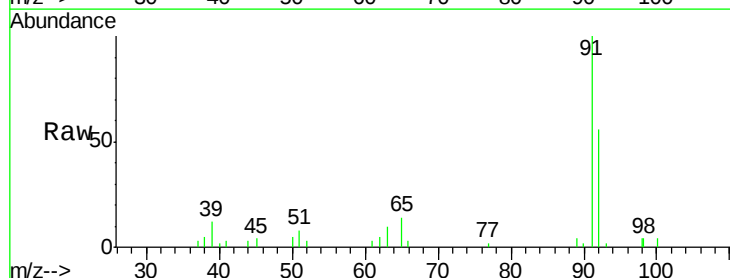
Acq: 18 Sep 2020 13:43

Tgt Ion: 91 Resp: 9808

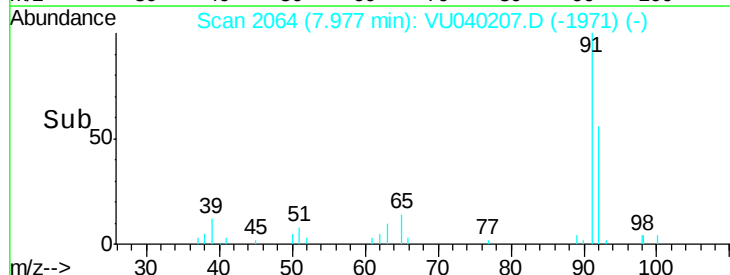
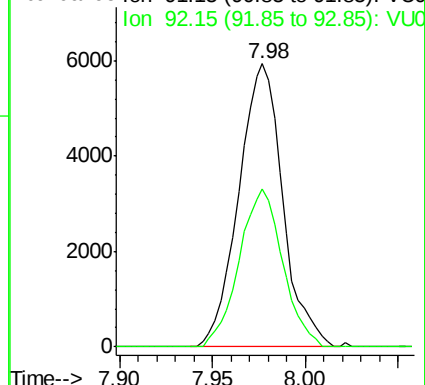
Ion Ratio Lower Upper

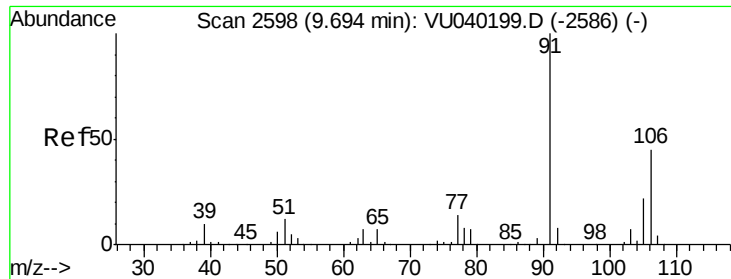
91 100

92 55.7 40.7 75.5



Abundance Ion 91.15 (90.85 to 91.85): VU0





#53

m,p-Xylene

Concen: 0.115 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VU040207.D

Acq: 18 Sep 2020 13:43

Instrument :

MSVOA_U

ClientSampleId :

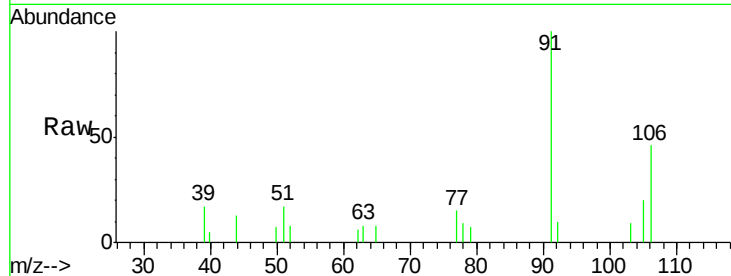
C0TR3

Tot Ion:106 Resp: 1701

Ion Ratio Lower Upper

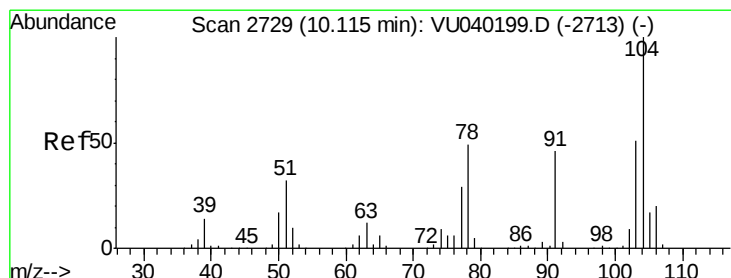
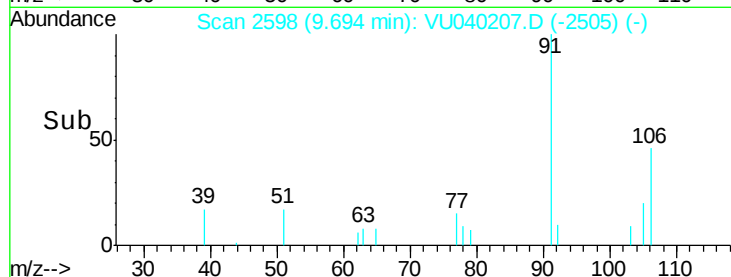
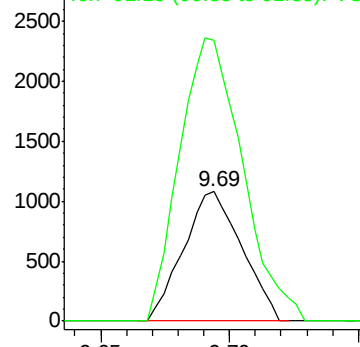
106 100

91 217.5 151.7 281.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#55

Styrene

Concen: 0.299 ug/L

RT: 10.11 min Scan# 2729

Delta R.T. 0.00 min

Lab File: VU040207.D

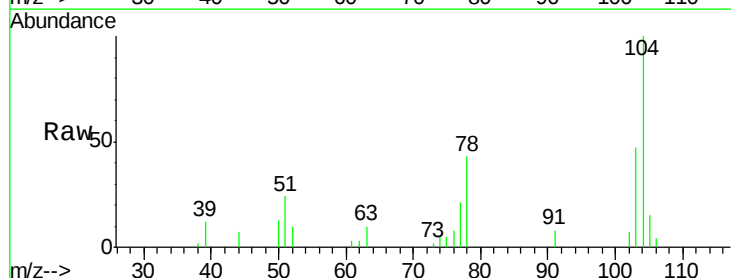
Acq: 18 Sep 2020 13:43

Tgt Ion:104 Resp: 7338

Ion Ratio Lower Upper

104 100

78 42.8 36.8 68.3



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VU0

