

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101219\
 Data File : VU035093.D
 Acq On : 11 Oct 2019 16:42
 Operator : JC/SP
 Sample : K5309-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RB-1-191003-01

Quant Time: Oct 12 03:35:48 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	161997	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	168831	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	65163	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54398	5.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.60%
7) Chloroethane-d5	1.68	69	50970	5.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.00%
11) 1,1-Dichloroethene-d2	2.26	63	78459	3.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.80%
20) 2-Butanone-d5	4.17	46	147798	52.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.82%
24) Chloroform-d	4.62	84	93952	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	5.29	65	55024	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.32	84	197524	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.31	67	68836	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.55	98	170550	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	7.84	79	20445	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.30	63	105374	46.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.04%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	55168	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	57881	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

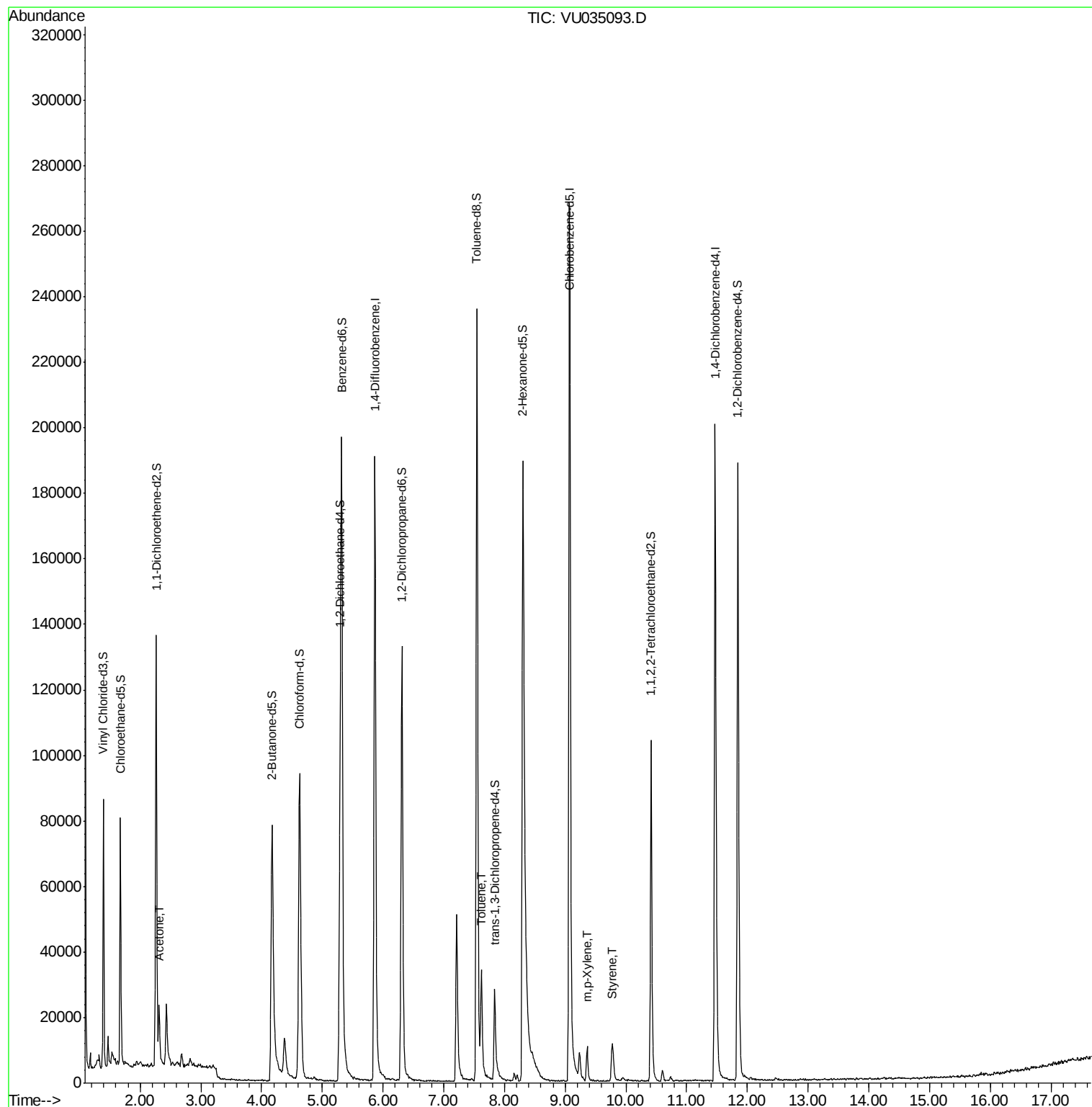
					Ovalue
13) Acetone	2.31	43	17962	7.777 ug/L	96
42) Toluene	7.62	91	25399	0.478 ug/L	99
53) m,p-Xylene	9.36	106	3413	0.158 ug/L	95
55) Styrene	9.78	104	5914	0.172 ug/L	97

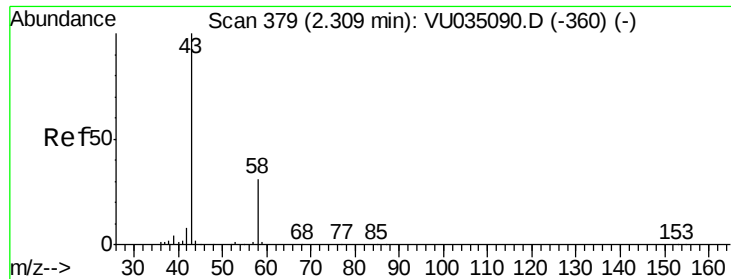
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.777 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

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ClientSampleId :

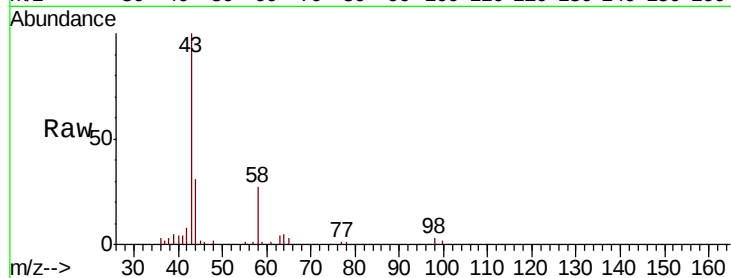
RB-1-191003-01

Tot Ion: 43 Resp: 17962

Ion Ratio Lower Upper

43 100

58 30.9 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU035090.D (-360) (-)

Ion 58.05 (57.75 to 58.75): VU035090.D (-360) (-)

2.31

12000

10000

8000

6000

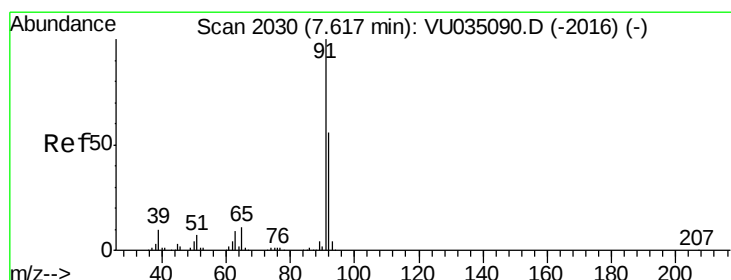
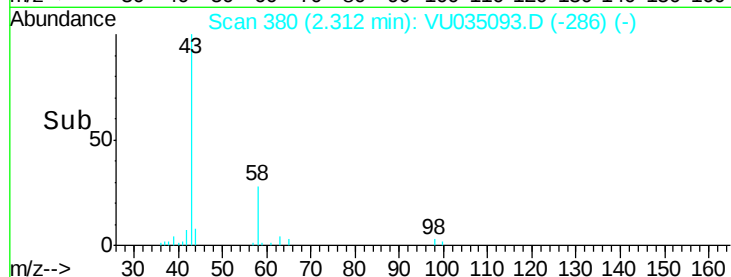
4000

2000

0

Time-->

2.25 2.30 2.35



#42

Toluene

Concen: 0.478 ug/L

RT: 7.62 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VU035093.D

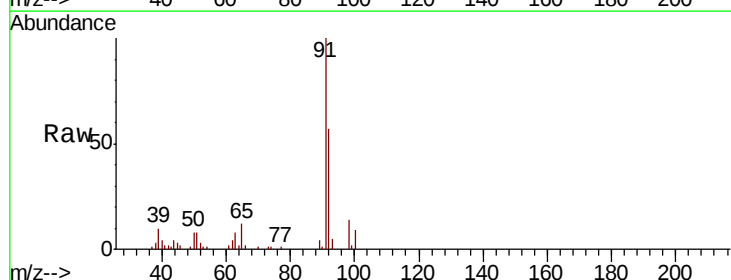
Acq: 11 Oct 2019 16:42

Tgt Ion: 91 Resp: 25399

Ion Ratio Lower Upper

91 100

92 57.5 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) (-)

7.62

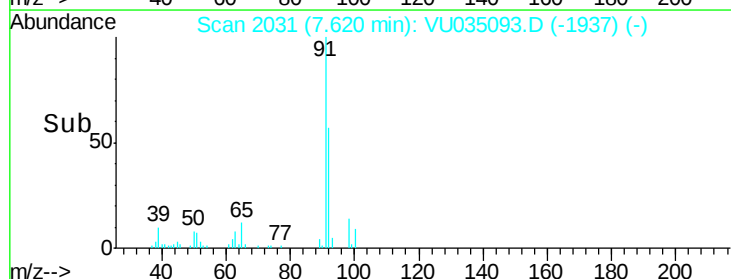
10000

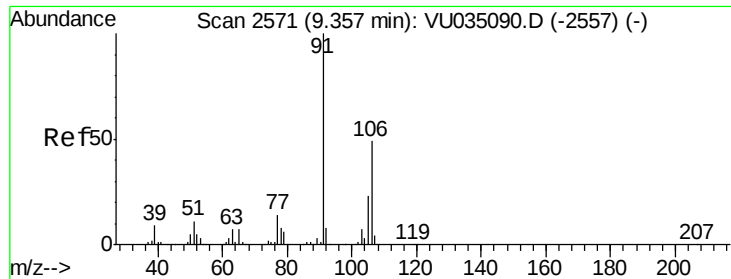
5000

0

Time-->

7.60 7.65 7.70





#53

m,p-Xylene

Concen: 0.158 ug/L

RT: 9.36 min Scan# 2571

Delta R.T. 0.00 min

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Acq: 11 Oct 2019 16:42

Instrument :

MSVOA_U

ClientSampleId :

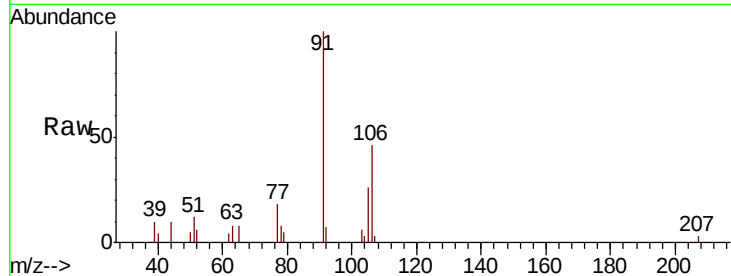
RB-1-191003-01

Tot Ion:106 Resp: 3413

Ion Ratio Lower Upper

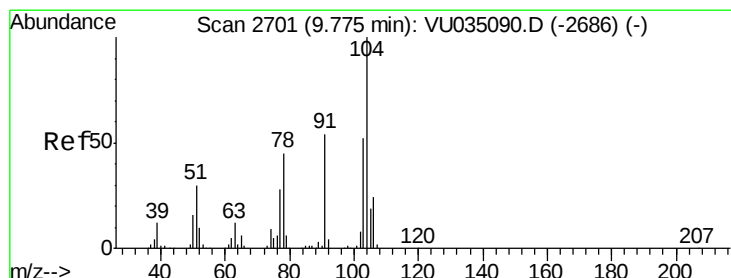
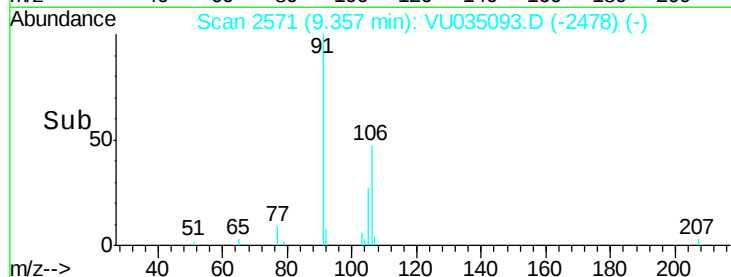
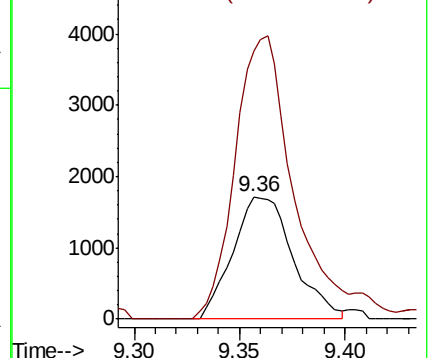
106 100

91 218.9 147.6 274.0



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#55

Styrene

Concen: 0.172 ug/L

RT: 9.78 min Scan# 2704

Delta R.T. 0.01 min

Lab File: VU035093.D

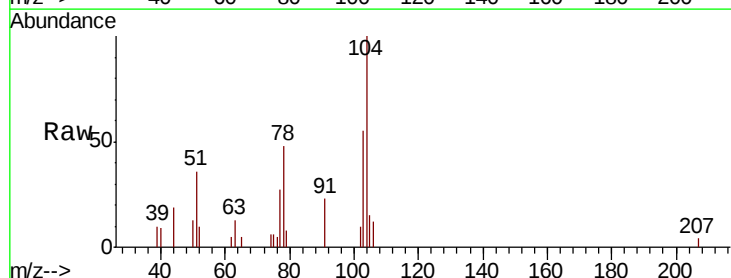
Acq: 11 Oct 2019 16:42

Tgt Ion:104 Resp: 5914

Ion Ratio Lower Upper

104 100

78 48.5 32.8 60.8



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VU0

