

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR092718\
 Data File : VR025889.D
 Acq On : 27 Sep 2018 23:53
 Operator : SY/MD
 Sample : J5119-10
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 COL10

Quant Time: Sep 28 07:23:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 28 05:44:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	499996	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	408595	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	138089	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	206376	5.23	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.60%
7) Chloroethane-d5	2.62	69	157436	4.89	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	3.63	63	340671	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	6.59	46	224762	51.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.26%
24) Chloroform-d	7.20	84	308881	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	7.90	65	137584	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	7.85	84	644594	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	8.90	67	173767	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	9.97	98	595426	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	10.23	79	31946	3.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.80%
46) 2-Hexanone-d5	10.59	63	159989	50.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.86%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	69528	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	105383	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

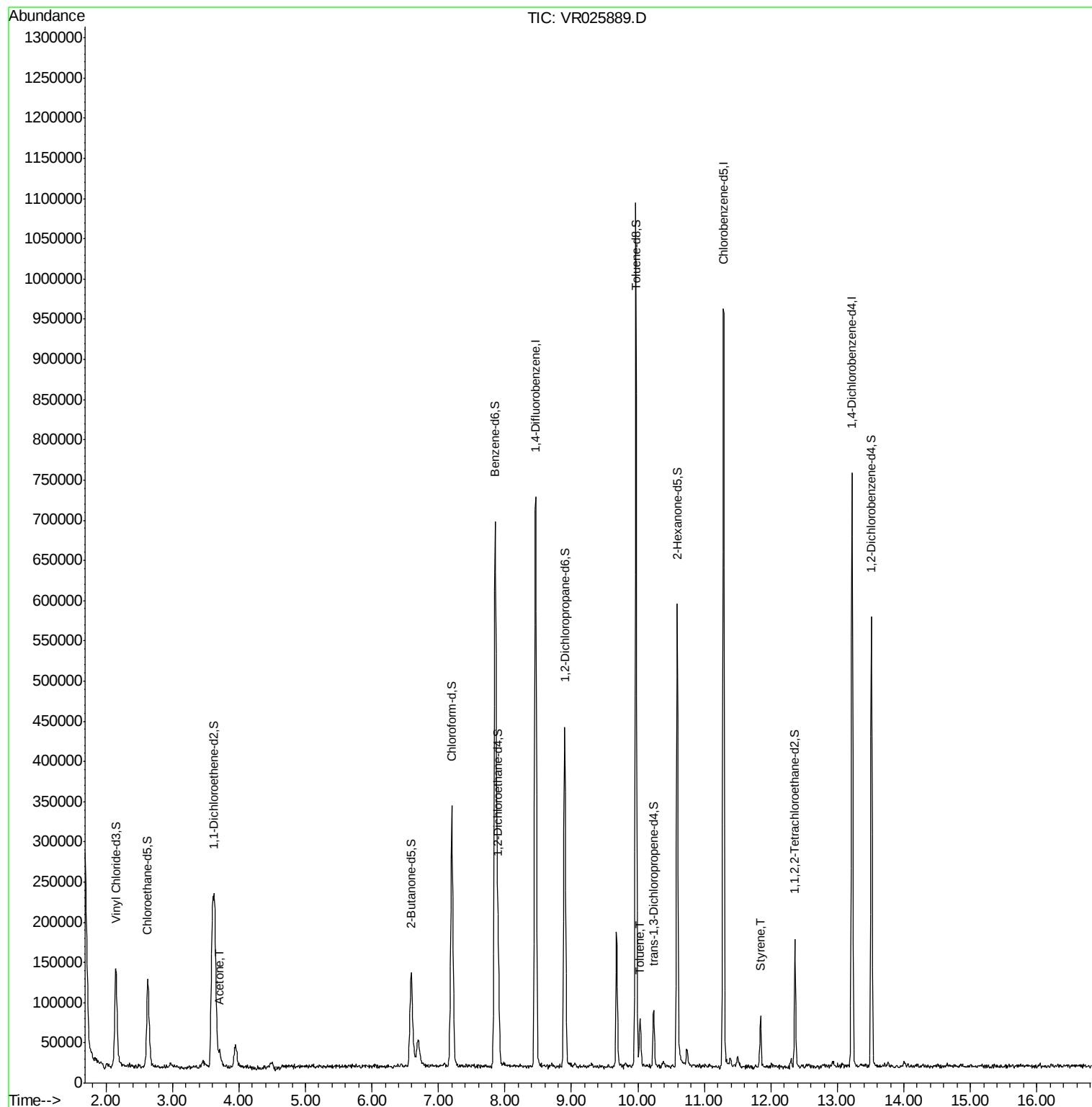
Target Compounds					Qvalue
13) Acetone	3.70	43	26133	8.203 ug/L	79
42) Toluene	10.03	91	33751	0.237 ug/L	95
55) Styrene	11.84	104	22637	0.270 ug/L	97

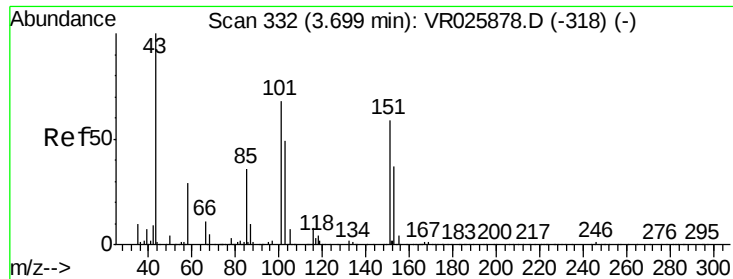
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.203 ug/L

RT: 3.70 min Scan# 333

Delta R.T. 0.01 min

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Instrument :

MSVOA_R

ClientSampleId :

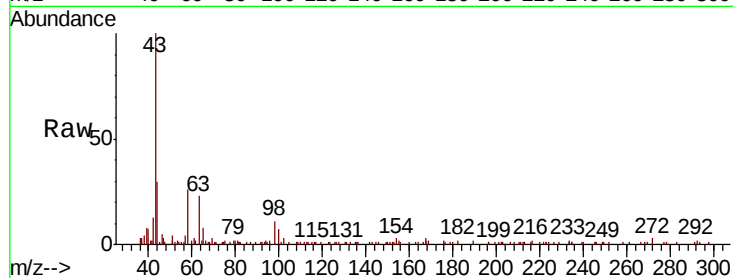
COL10

Tgt Ion: 43 Resp: 26133

Ion Ratio Lower Upper

43 100

58 14.9 0.0 51.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

12000

10000

8000

6000

4000

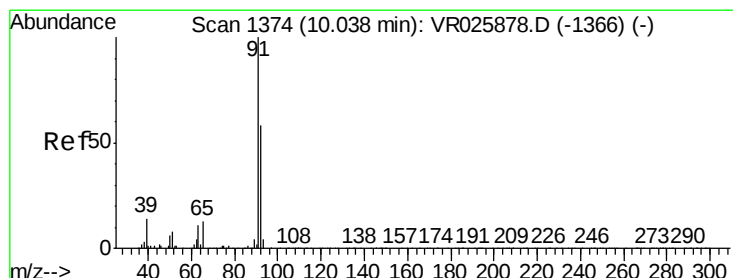
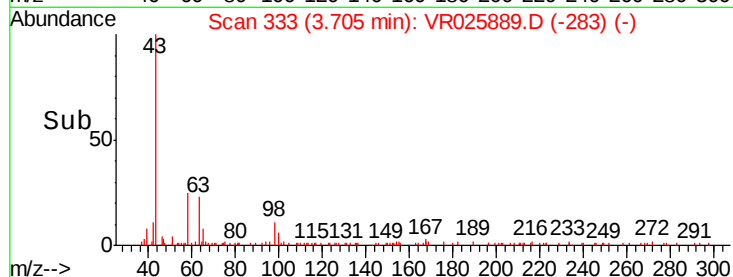
2000

0

Time-->

3.60 3.70 3.80

3.70



#42

Toluene

Concen: 0.237 ug/L

RT: 10.03 min Scan# 1373

Delta R.T. -0.01 min

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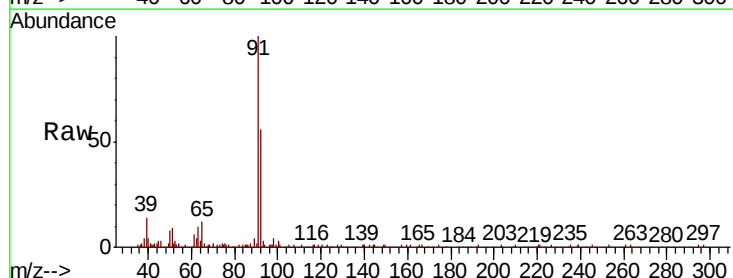
Acq: 27 Sep 2018 23:53

Tgt Ion: 91 Resp: 33751

Ion Ratio Lower Upper

91 100

92 55.7 41.8 77.6



Abundance Ion 91.15 (90.85 to 91.85): VR0

Ion 92.15 (91.85 to 92.85): VR0

25000

20000

15000

10000

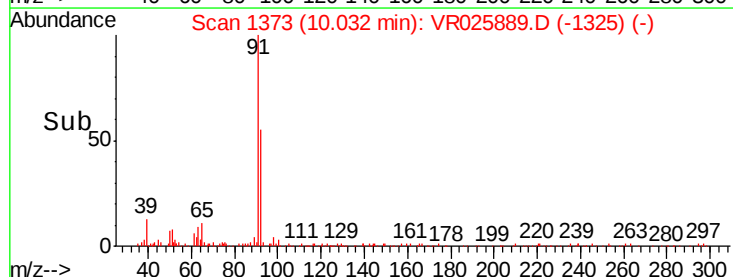
5000

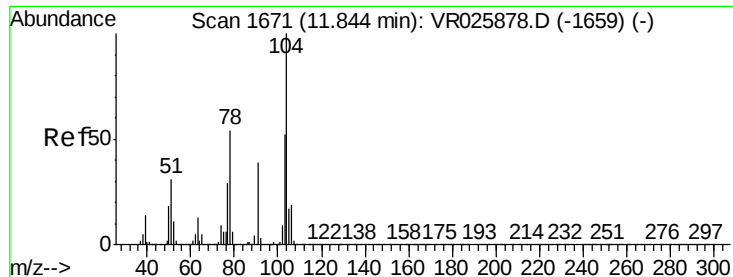
0

Time-->

9.95 10.00 10.05 10.10

10.03





#55

Styrene

Concen: 0.270 ug/L

RT: 11.84 min Scan# 1671

Delta R.T. 0.00 min

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Instrument :

MSVOA_R

ClientSampleId :

COL10

Tgt Ion:104 Resp: 22637

Ion Ratio Lower Upper

104 100

78 53.6 39.3 72.9

