

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101119\
 Data File : VU035060.D
 Acq On : 10 Oct 2019 20:12
 Operator : JC/SP
 Sample : K5309-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RB-1-191005-01

Quant Time: Oct 11 05:35:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 11 04:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	152262	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	161091	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	61499	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	35545	3.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.00%
7) Chloroethane-d5	1.68	69	37120	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.26	63	56216	2.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.20%#
20) 2-Butanone-d5	4.17	46	151114	57.01	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.02%
24) Chloroform-d	4.63	84	84641	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.29	65	53409	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	5.32	84	168842	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.31	67	62546	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.55	98	146826	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	7.84	79	17853	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.30	63	113725	52.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.24%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	58966	5.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	57257	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

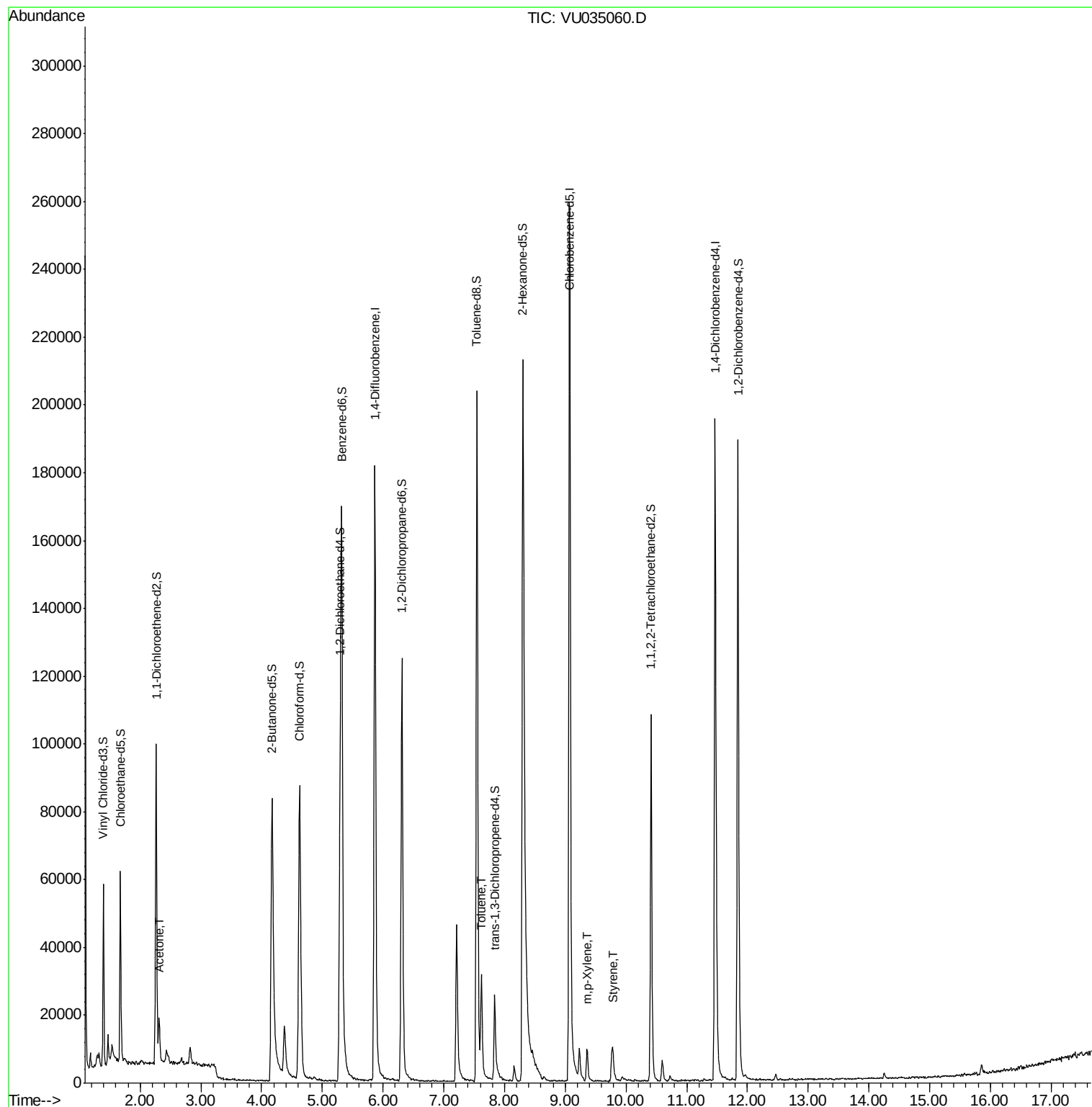
					Ovalue
13) Acetone	2.31	43	14589	6.720 ug/L	99
42) Toluene	7.62	91	22954	0.453 ug/L	98
53) m,p-Xylene	9.36	106	3517	0.170 ug/L	82
55) Styrene	9.78	104	5623	0.172 ug/L	98

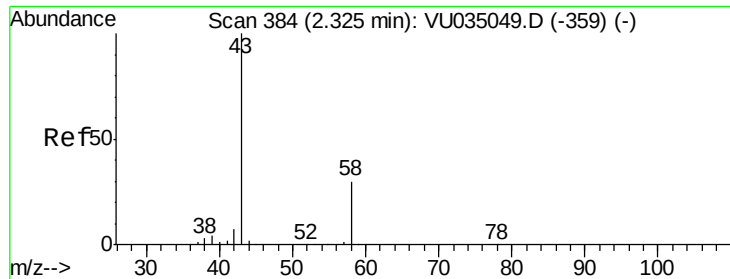
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.720 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.02 min

Lab File: VU035060.D

Acq: 10 Oct 2019 20:12

Instrument :

MSVOA_U

ClientSampleId :

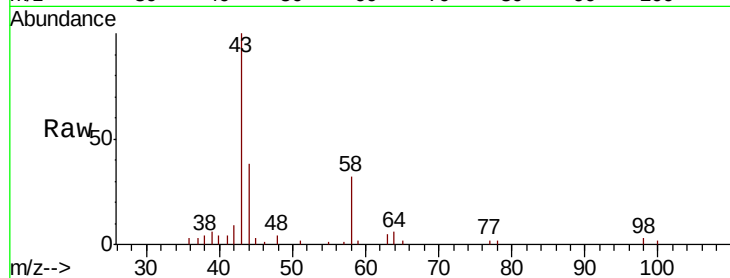
RB-1-191005-01

Tot Ion: 43 Resp: 14589

Ion Ratio Lower Upper

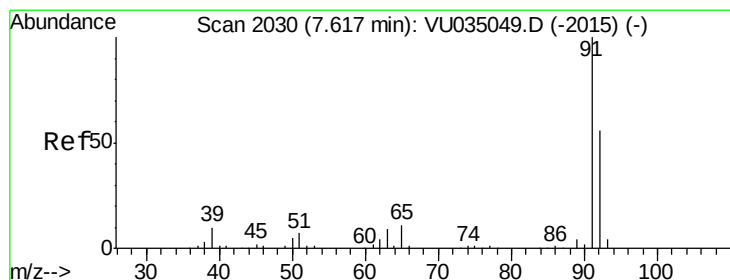
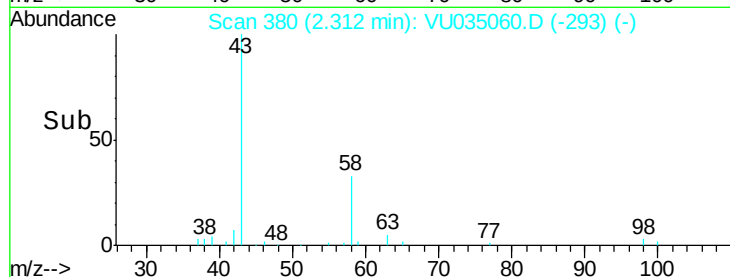
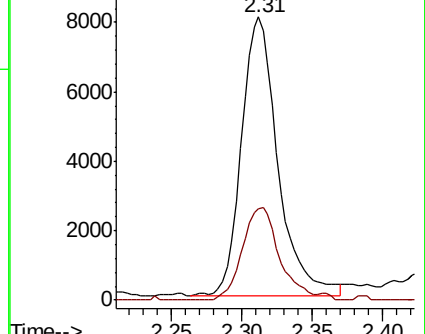
43 100

58 33.8 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU035049.D (-359) (-)

Ion 58.05 (57.75 to 58.75): VU035049.D (-359) (-)



#42

Toluene

Concen: 0.453 ug/L

RT: 7.62 min Scan# 2031

Delta R.T. 0.01 min

Lab File: VU035060.D

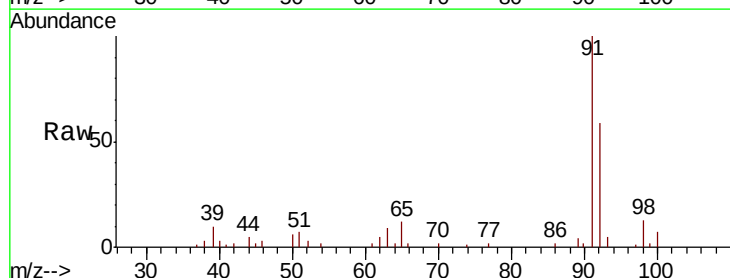
Acq: 10 Oct 2019 20:12

Tgt Ion: 91 Resp: 22954

Ion Ratio Lower Upper

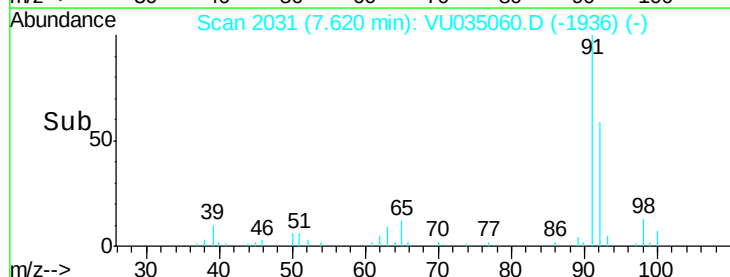
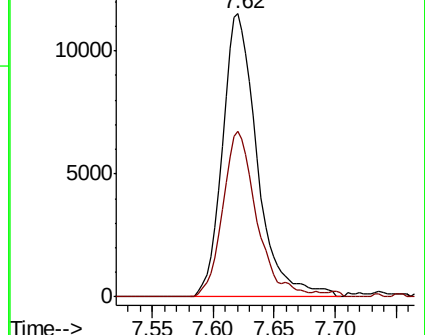
91 100

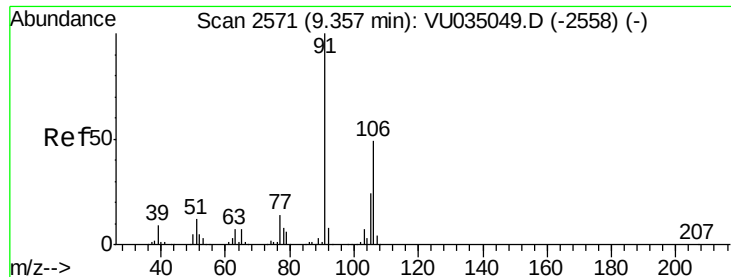
92 58.6 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU035049.D (-2015) (-)

Ion 92.15 (91.85 to 92.85): VU035049.D (-2015) (-)





#53

m,p-Xylene

Concen: 0.170 ug/L

RT: 9.36 min Scan# 2571

Delta R.T. 0.00 min

Lab File: VU035060.D

Acq: 10 Oct 2019 20:12

Instrument :

MSVOA_U

ClientSampleId :

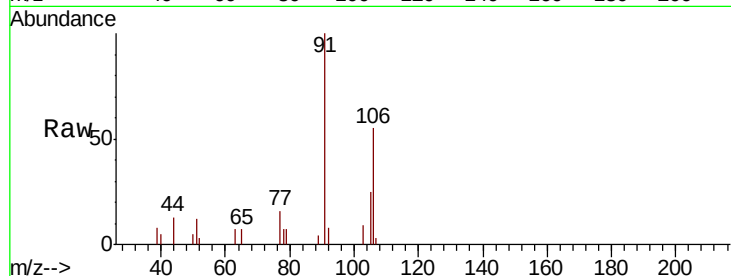
RB-1-191005-01

Tot Ion:106 Resp: 3517

Ion Ratio Lower Upper

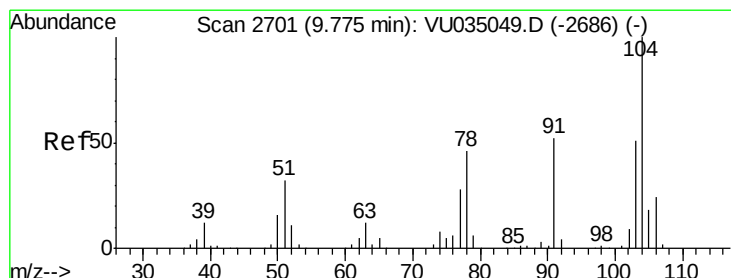
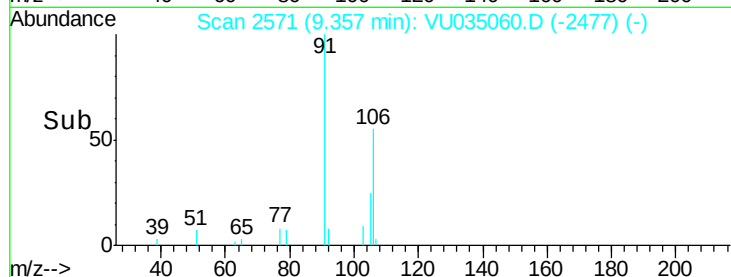
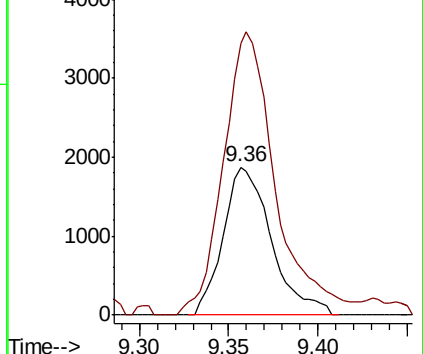
106 100

91 182.9 147.6 274.0



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: VU035060.D

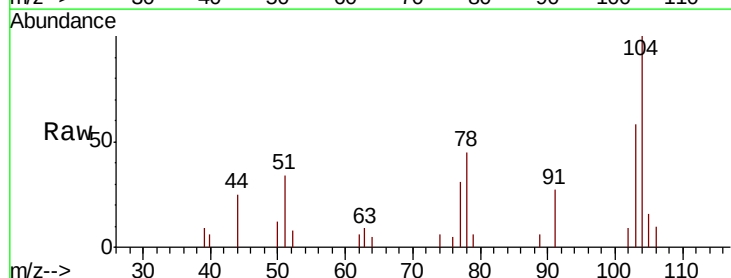
Acq: 10 Oct 2019 20:12

Tgt Ion:104 Resp: 5623

Ion Ratio Lower Upper

104 100

78 45.4 32.8 60.8



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VU0

