

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101219\
 Data File : VU035118.D
 Acq On : 12 Oct 2019 03:40
 Operator : JC/SP
 Sample : K5309-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RB-2-191005-01

Quant Time: Oct 14 01:39:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 14 01:16:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	174465	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	178495	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	74107	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	52517	5.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.80%
7) Chloroethane-d5	1.68	69	48994	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.26	63	76920	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	4.19	46	169167	55.70	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.40%
24) Chloroform-d	4.62	84	96713	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.29	65	56598	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.32	84	194631	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.31	67	66439	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.55	98	168700	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	7.84	79	19697	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	8.30	63	118453	49.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.92%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	57621	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	62310	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

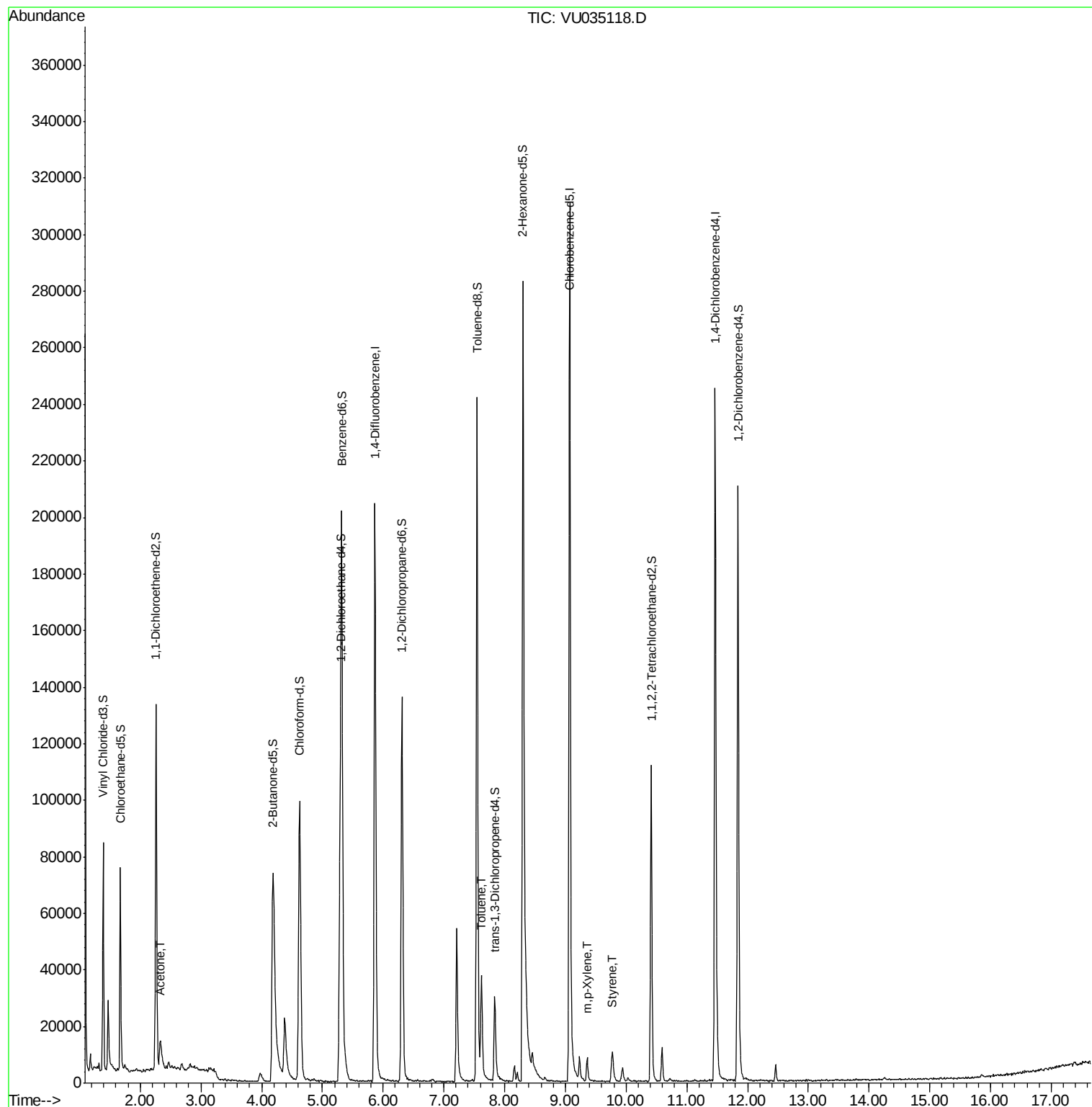
					Ovalue
13) Acetone	2.33	43	18180	7.309	ug/L 93
42) Toluene	7.62	91	27327	0.487	ug/L 99
53) m,p-Xylene	9.36	106	2912	0.127	ug/L 77
55) Styrene	9.78	104	4751	0.131	ug/L 98

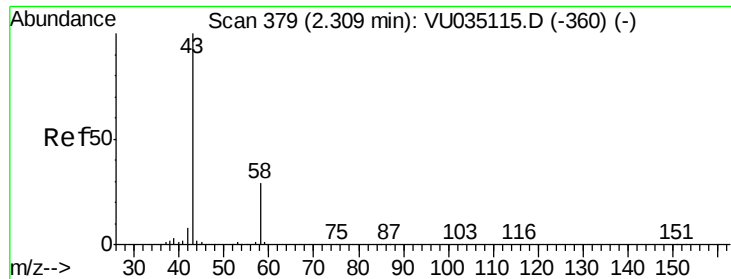
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.309 ug/L

RT: 2.33 min Scan# 386

Delta R.T. 0.02 min

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Instrument :

MSVOA_U

ClientSampleId :

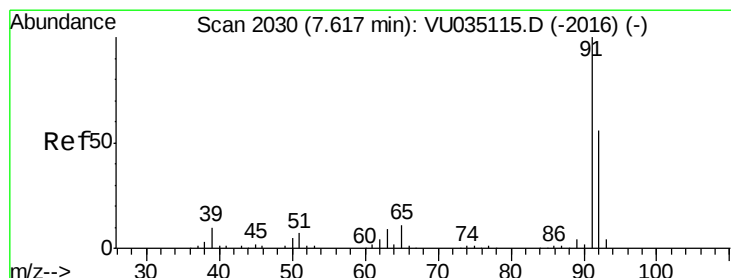
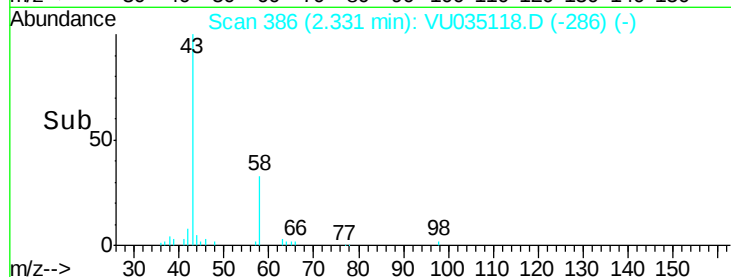
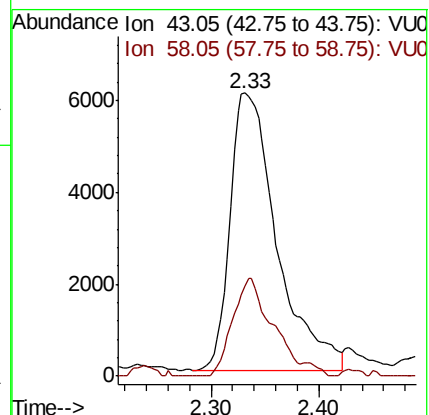
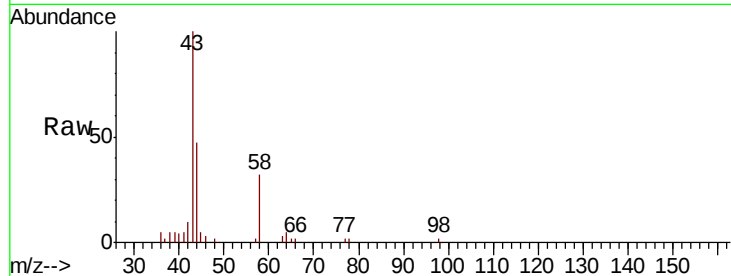
RB-2-191005-01

Tot Ion: 43 Resp: 18180

Ion Ratio Lower Upper

43 100

58 29.6 0.0 66.6



#42

Toluene

Concen: 0.487 ug/L

RT: 7.62 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VU035118.D

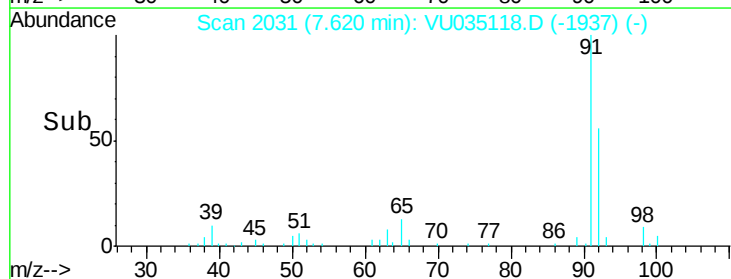
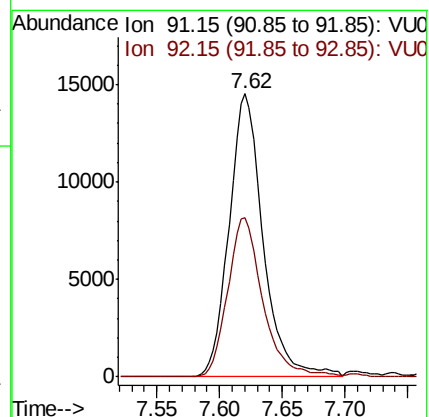
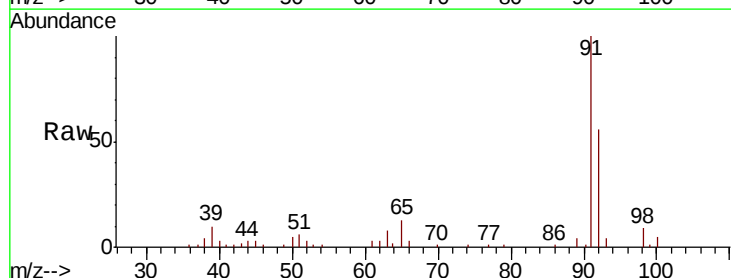
Acq: 12 Oct 2019 03:40

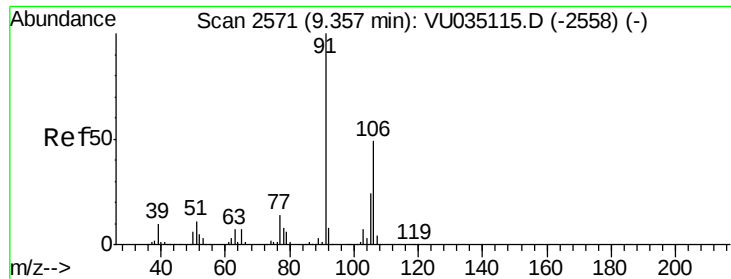
Tgt Ion: 91 Resp: 27327

Ion Ratio Lower Upper

91 100

92 56.5 40.0 74.2





#53

m,p-Xylene

Concen: 0.127 ug/L

RT: 9.36 min Scan# 2571

Delta R.T. 0.00 min

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Acq: 12 Oct 2019 03:40

Instrument :

MSVOA_U

ClientSampleId :

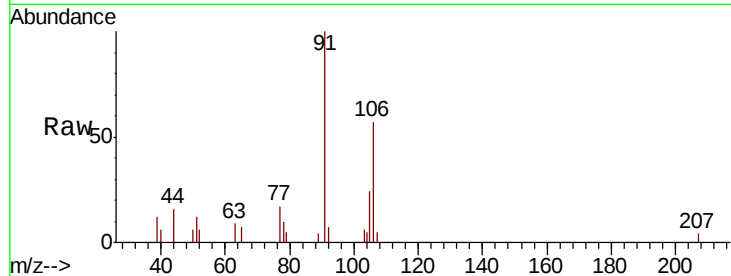
RB-2-191005-01

Tot Ion:106 Resp: 2912

Ion Ratio Lower Upper

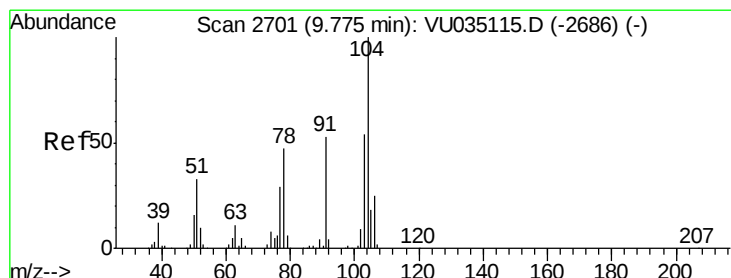
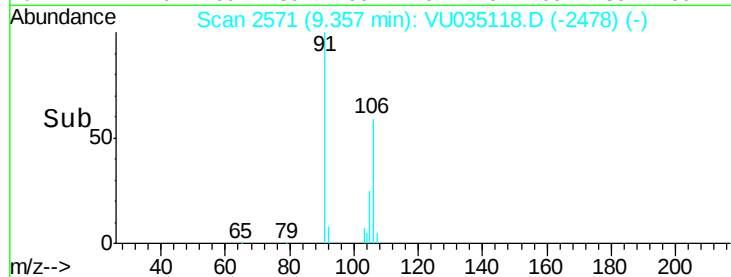
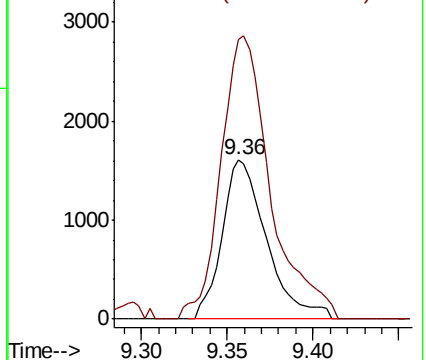
106 100

91 175.2 147.6 274.0



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#55

Styrene

Concen: 0.131 ug/L

RT: 9.78 min Scan# 2703

Delta R.T. 0.01 min

Lab File: VU035118.D

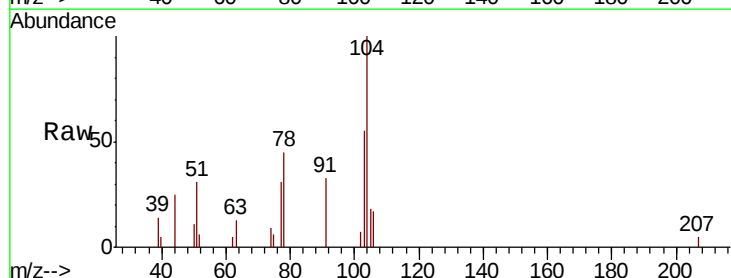
Acq: 12 Oct 2019 03:40

Tgt Ion:104 Resp: 4751

Ion Ratio Lower Upper

104 100

78 45.3 32.8 60.8



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VU0

