

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100919\
 Data File : VU035005.D
 Acq On : 09 Oct 2019 14:03
 Operator : JC/SP
 Sample : K5219-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RB-2-191001-01

Quant Time: Oct 10 04:03:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 10 03:36:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	159014	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	161214	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	65460	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	36360	3.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.40%
7) Chloroethane-d5	1.68	69	38388	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.26	63	57118	2.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.60%#
20) 2-Butanone-d5	4.17	46	129965	46.95	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.90%
24) Chloroform-d	4.63	84	78296	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.29	65	48638	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
32) Benzene-d6	5.32	84	167686	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.31	67	59777	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.55	98	147333	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloropropene-	7.84	79	16160	3.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.00%
46) 2-Hexanone-d5	8.30	63	99299	45.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.82%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	52981	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	54630	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

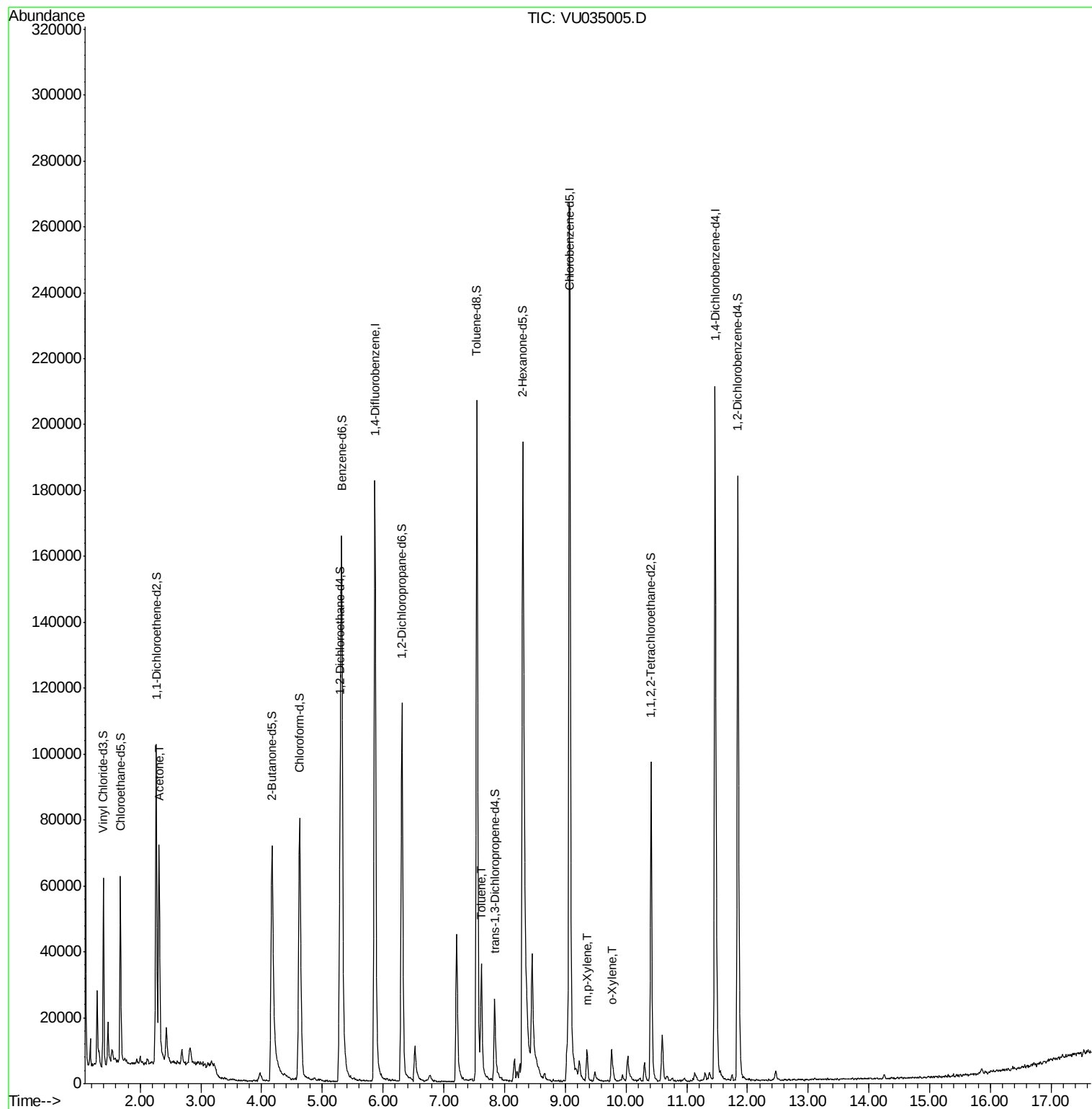
					Ovalue
13) Acetone	2.31	43	75697	33.389	ug/L 94
42) Toluene	7.62	91	25663	0.506	ug/L 99
53) m,p-Xylene	9.36	106	3009	0.146	ug/L 81
54) o-Xylene	9.76	106	2432	0.120	ug/L 97

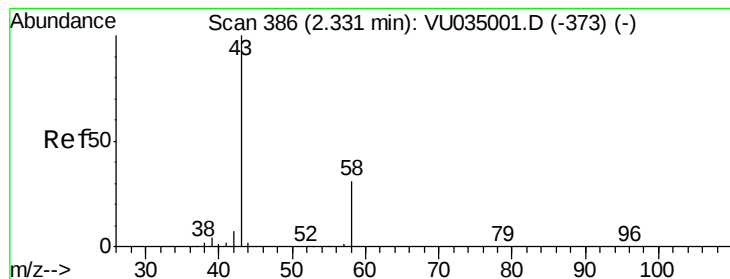
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 33.389 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.02 min

Lab File: VU035005.D

Acq: 09 Oct 2019 14:03

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MSVOA_U

ClientSampleId :

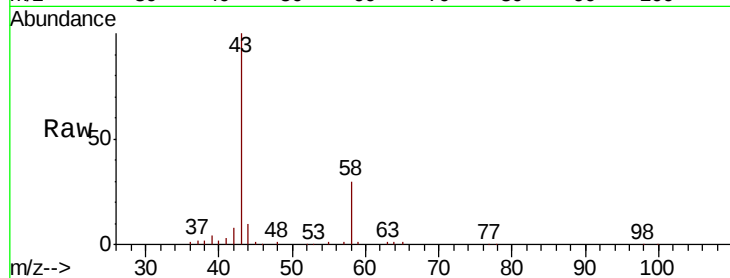
RB-2-191001-01

Tot Ion: 43 Resp: 75697

Ion Ratio Lower Upper

43 100

58 30.0 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU035001.D (-373) (-)

Ion 58.05 (57.75 to 58.75): VU035001.D (-373) (-)

2.31

40000

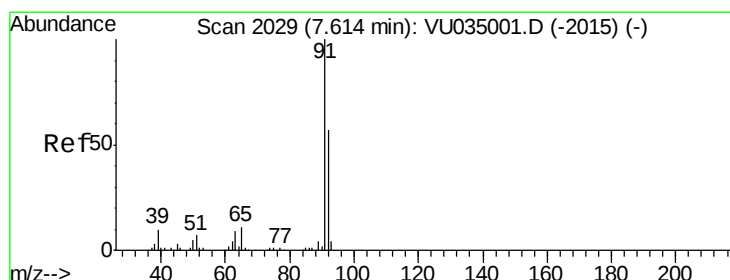
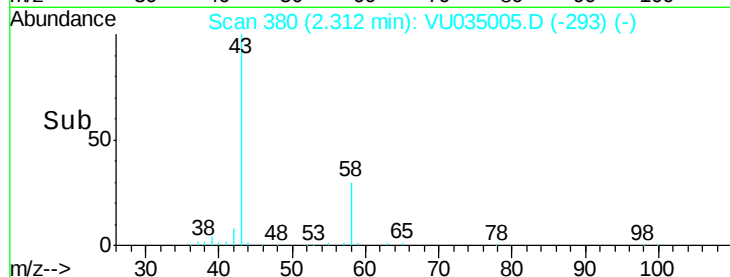
30000

20000

10000

0

Time--> 2.20 2.30 2.40



#42

Toluene

Concen: 0.506 ug/L

RT: 7.62 min Scan# 2031

Delta R.T. 0.01 min

Lab File: VU035005.D

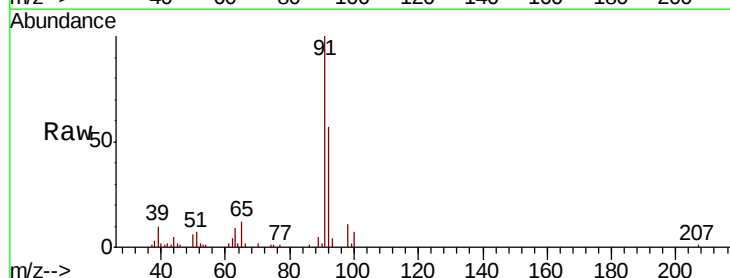
Acq: 09 Oct 2019 14:03

Tgt Ion: 91 Resp: 25663

Ion Ratio Lower Upper

91 100

92 56.6 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU035001.D (-1915) (-)

Ion 92.15 (91.85 to 92.85): VU035001.D (-1915) (-)

7.62

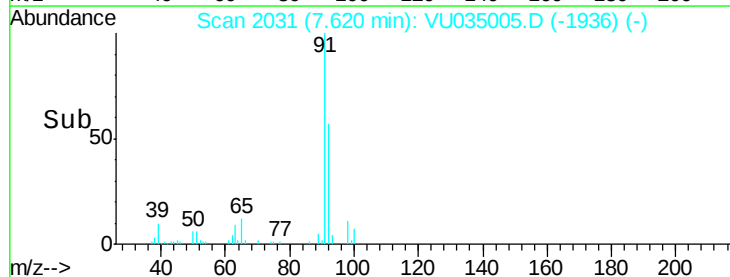
15000

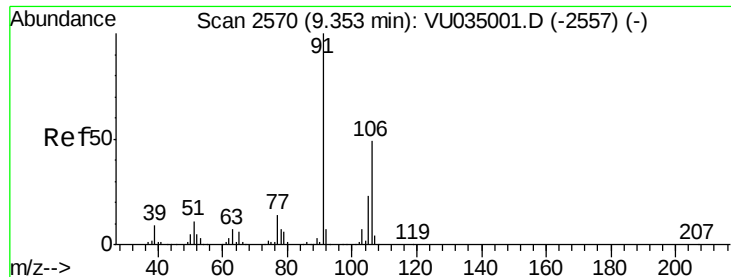
10000

5000

0

Time--> 7.55 7.60 7.65 7.70





#53

m,p-Xylene

Concen: 0.146 ug/L

RT: 9.36 min Scan# 2572

Delta R.T. 0.01 min

Lab File: VU035005.D

Acq: 09 Oct 2019 14:03

Instrument :

MSVOA_U

ClientSampleId :

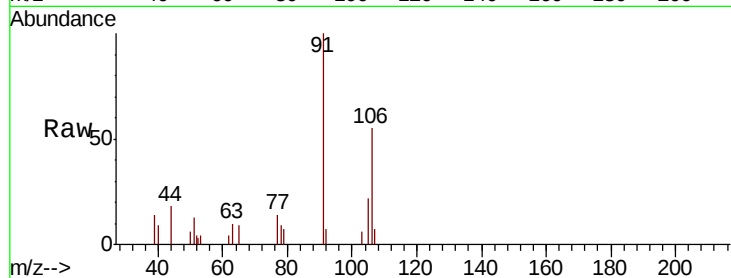
RB-2-191001-01

Tot Ion:106 Resp: 3009

Ion Ratio Lower Upper

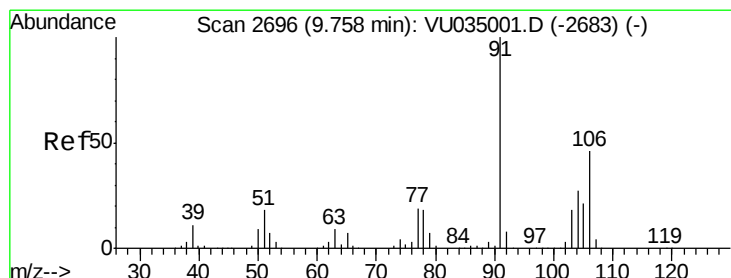
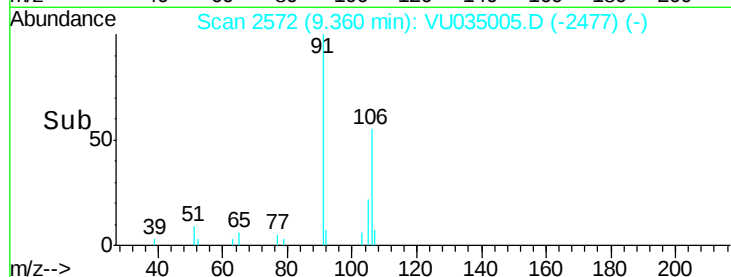
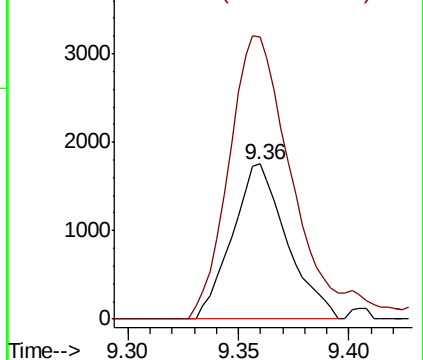
106 100

91 181.8 147.6 274.0



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#54

o-Xylene

Concen: 0.120 ug/L

RT: 9.76 min Scan# 2698

Delta R.T. 0.01 min

Lab File: VU035005.D

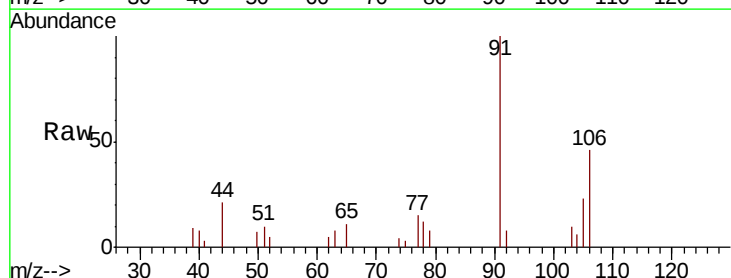
Acq: 09 Oct 2019 14:03

Tgt Ion:106 Resp: 2432

Ion Ratio Lower Upper

106 100

91 216.7 148.5 275.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0

