

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100719\
 Data File : VU034973.D
 Acq On : 07 Oct 2019 20:39
 Operator : JC/SP
 Sample : K5219-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Oct 09 05:27:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 09 03:56:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	182907	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	185583	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	78798	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	48877	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	1.68	69	48551	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.26	63	74715	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	4.17	46	151290	47.52	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.04%
24) Chloroform-d	4.62	84	96842	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.29	65	57253	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.32	84	212694	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.31	67	73350	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.55	98	194672	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	7.84	79	20632	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
46) 2-Hexanone-d5	8.30	63	115516	46.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.78%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	59818	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	71697	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

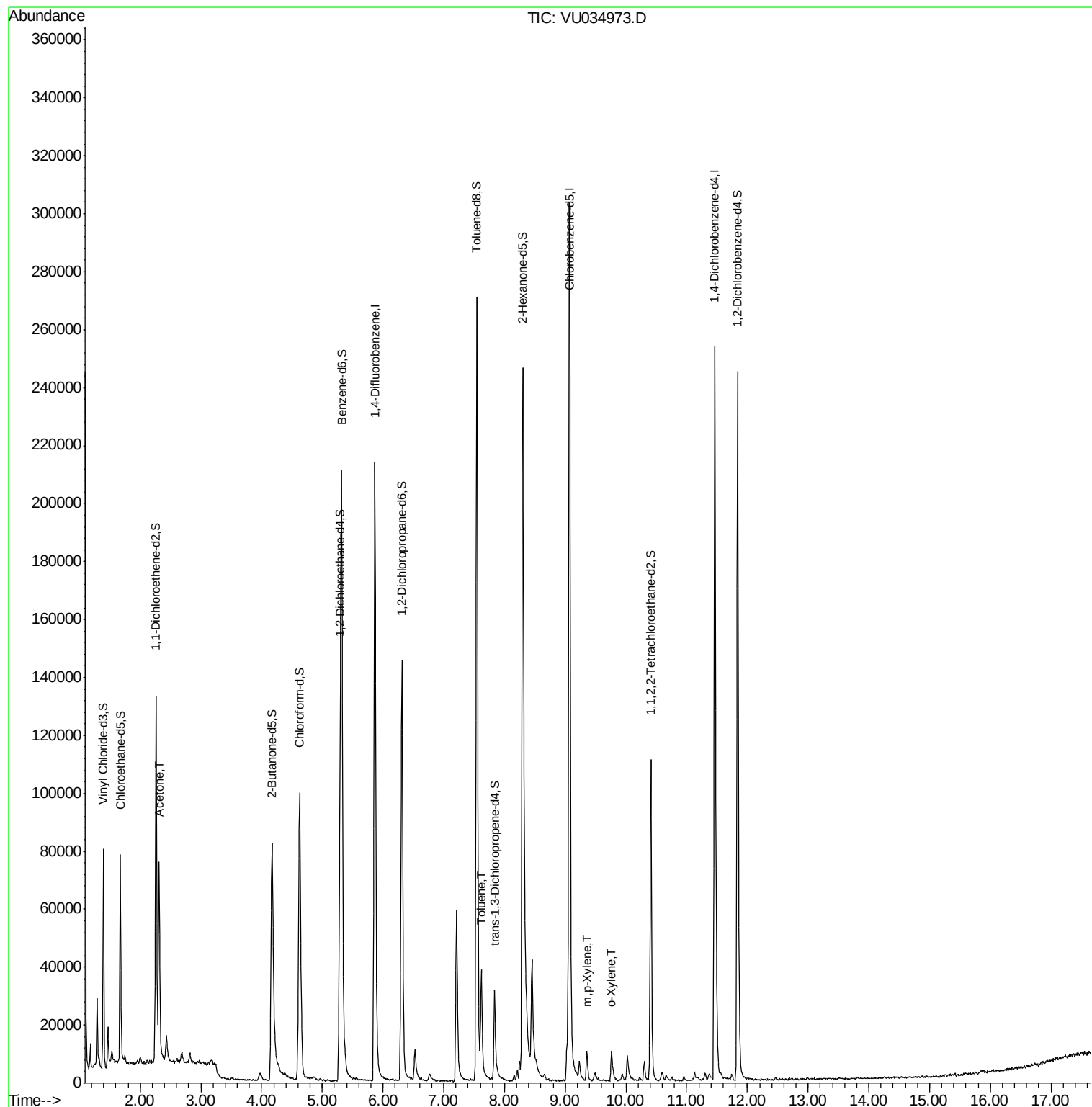
					Ovalue
13) Acetone	2.31	43	77553	29.739	ug/L 100
42) Toluene	7.62	91	29968	0.514	ug/L 95
53) m,p-Xylene	9.36	106	3373	0.142	ug/L 90
54) o-Xylene	9.76	106	2686	0.115	ug/L 91

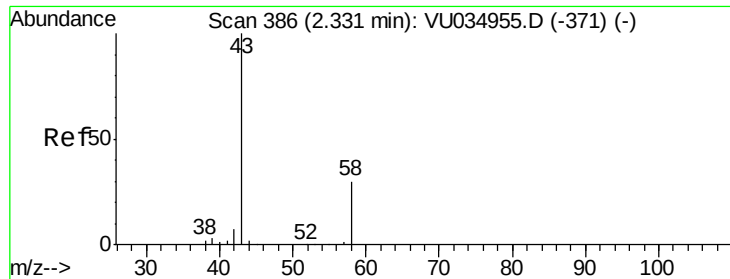
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 29.739 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.02 min

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Instrument :

MSVOA_U

ClientSampleId :

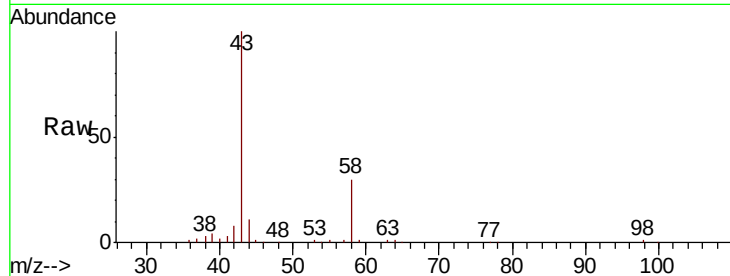
RB-2-191001-01

Tot Ion: 43 Resp: 77553

Ion Ratio Lower Upper

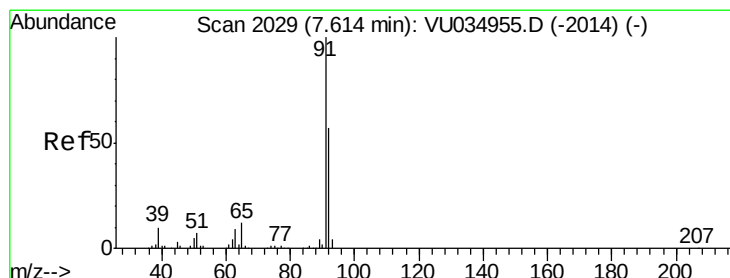
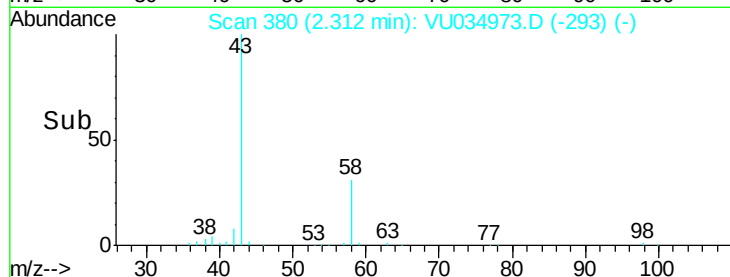
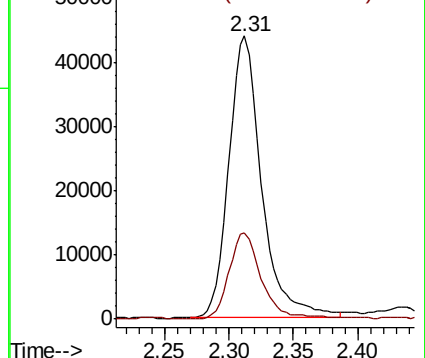
43 100

58 30.3 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#42

Toluene

Concen: 0.514 ug/L

RT: 7.62 min Scan# 2030

Delta R.T. 0.00 min

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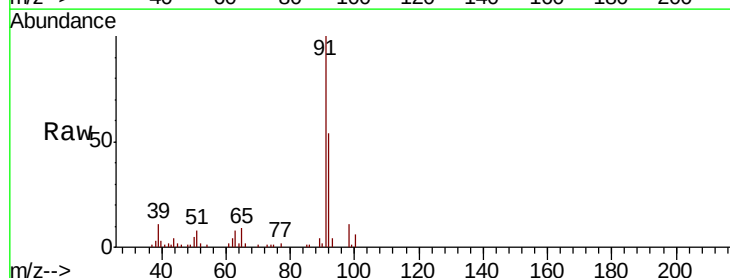
Acq: 07 Oct 2019 20:39

Tgt Ion: 91 Resp: 29968

Ion Ratio Lower Upper

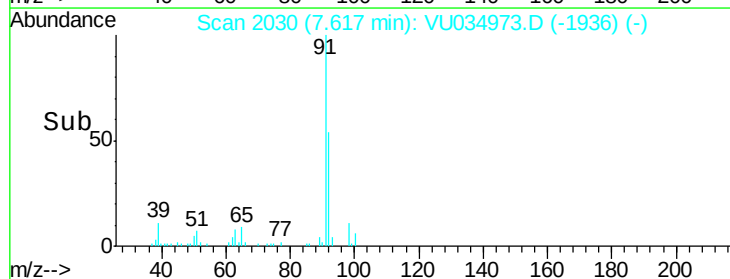
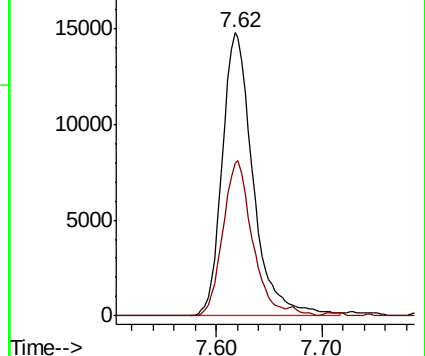
91 100

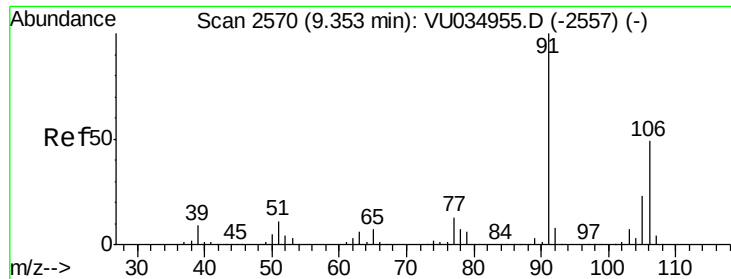
92 54.0 40.2 74.6



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0





#53

m,p-Xylene

Concen: 0.142 ug/L

RT: 9.36 min Scan# 2571

Delta R.T. 0.00 min

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Acq: 07 Oct 2019 20:39

Instrument :

MSVOA_U

ClientSampleId :

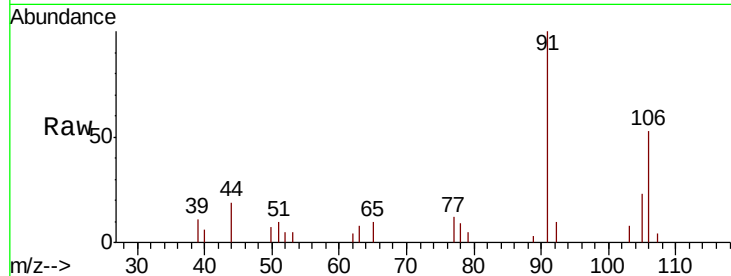
RB-2-191001-01

Tot Ion:106 Resp: 3373

Ion Ratio Lower Upper

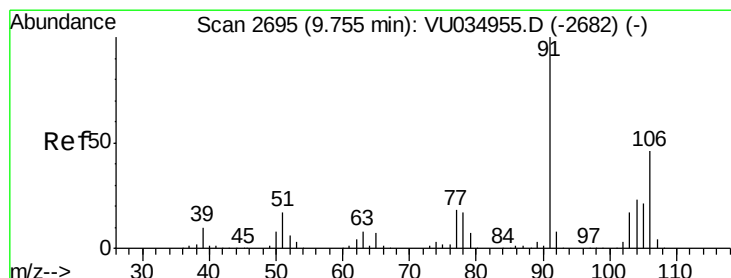
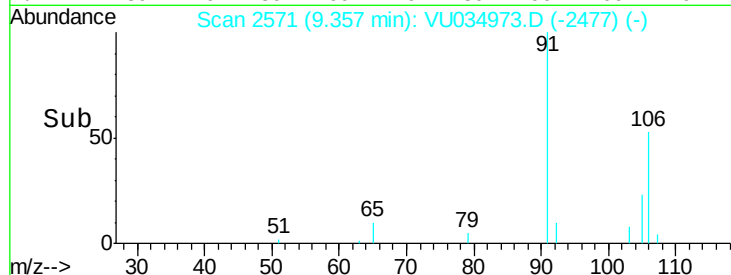
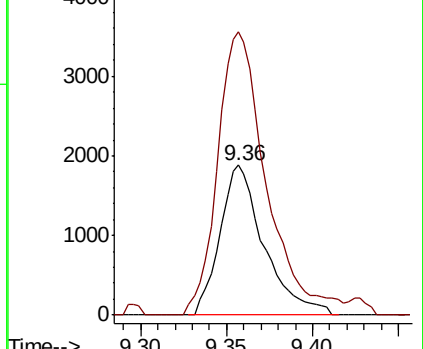
106 100

91 188.7 143.1 265.9



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#54

o-Xylene

Concen: 0.115 ug/L

RT: 9.76 min Scan# 2697

Delta R.T. 0.01 min

Lab File: VU034973.D

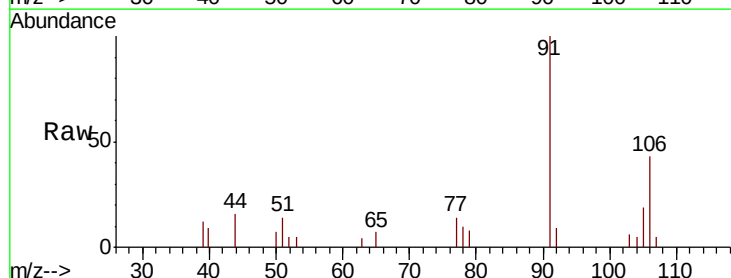
Acq: 07 Oct 2019 20:39

Tgt Ion:106 Resp: 2686

Ion Ratio Lower Upper

106 100

91 230.9 151.6 281.6



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0

