

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101219\
 Data File : VU035095.D
 Acq On : 11 Oct 2019 17:31
 Operator : JC/SP
 Sample : K5309-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Oct 12 03:40:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 12 02:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	167030	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	158435	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	70138	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.38	65	58085	5.88	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	117.60%
7) Chloroethane-d5	1.67	69	52045	5.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.00%
11) 1,1-Dichloroethene-d2	2.25	63	82637	3.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.40%
20) 2-Butanone-d5	4.22	46	146056	50.23	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.46%
24) Chloroform-d	4.62	84	99351	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
26) 1,2-Dichloroethane-d4	5.29	65	57254	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.31	84	193936	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.31	67	66237	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.54	98	164588	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	7.83	79	21940	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
46) 2-Hexanone-d5	8.31	63	113604	53.44	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.88%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	53473	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	11.84	152	60405	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

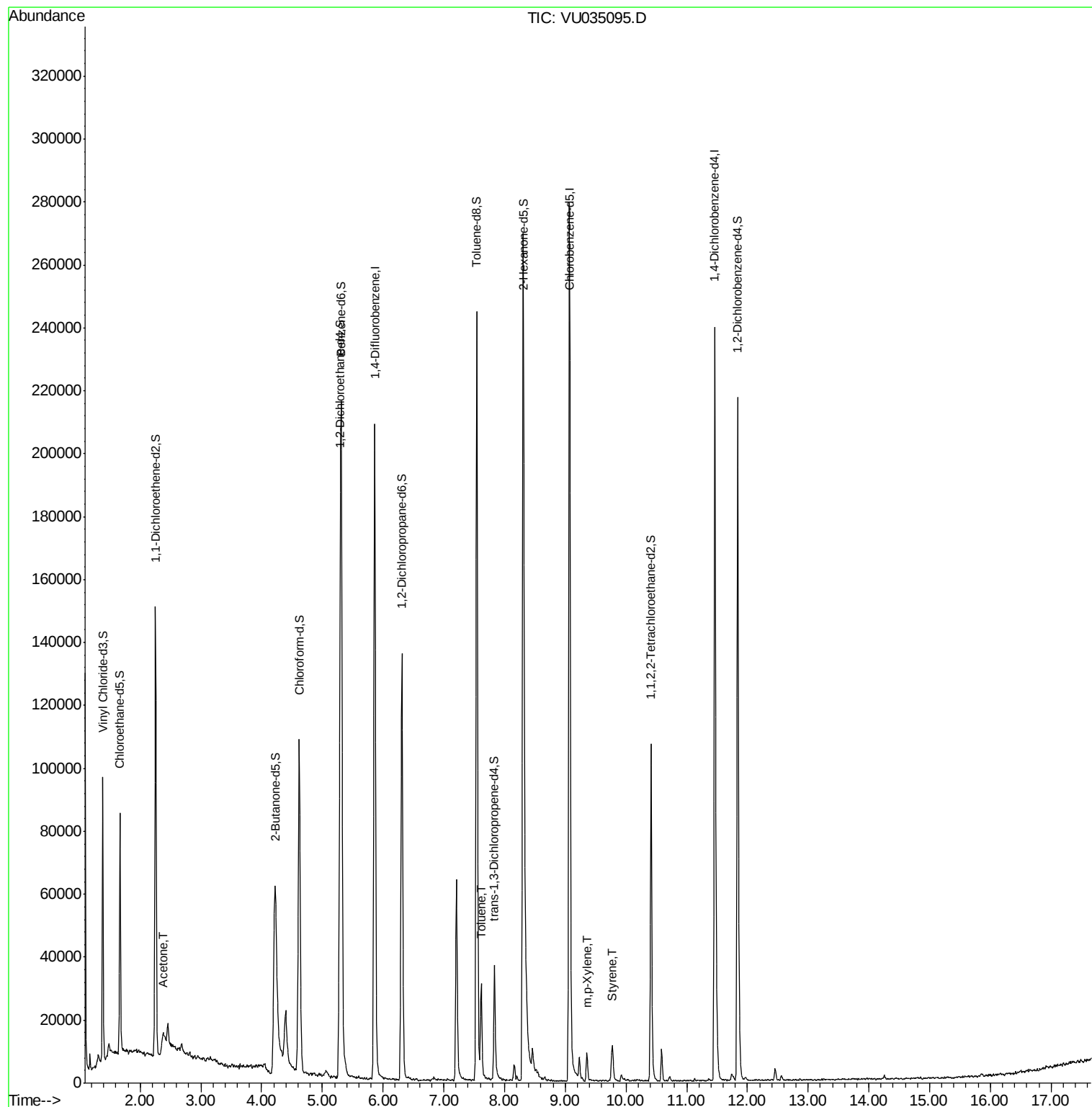
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.39	43	9619	4.039	ug/L	74
42) Toluene	7.62	91	21505	0.432	ug/L	97
53) m,p-Xylene	9.36	106	2914	0.143	ug/L	76
55) Styrene	9.78	104	5445	0.169	ug/L	84

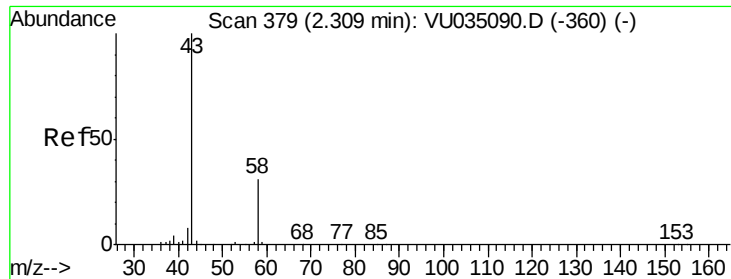
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.039 ug/L

RT: 2.39 min Scan# 403

Delta R.T. 0.08 min

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Acq: 11 Oct 2019 17:31

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MSVOA_U

ClientSampleId :

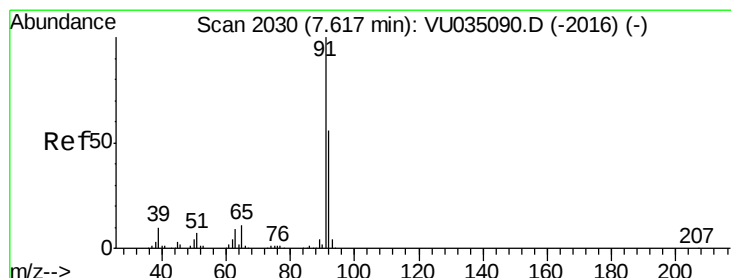
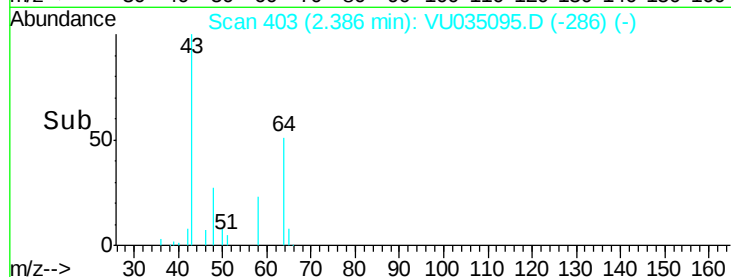
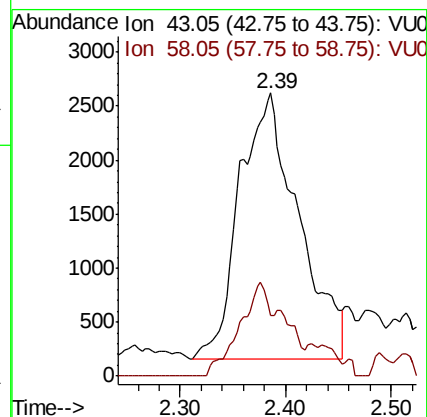
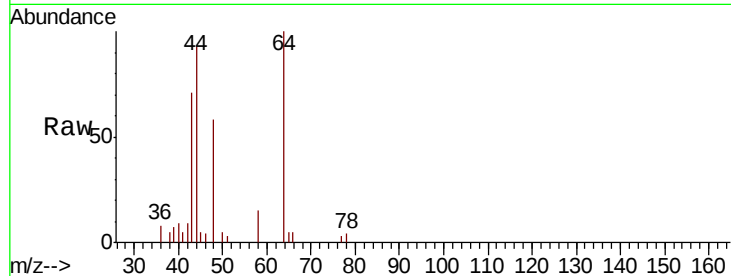
RB-1-191005-01

Tot Ion: 43 Resp: 9619

Ion Ratio Lower Upper

43 100

58 18.4 0.0 66.6



#42

Toluene

Concen: 0.432 ug/L

RT: 7.62 min Scan# 2030

Delta R.T. 0.00 min

Lab File: VU035095.D

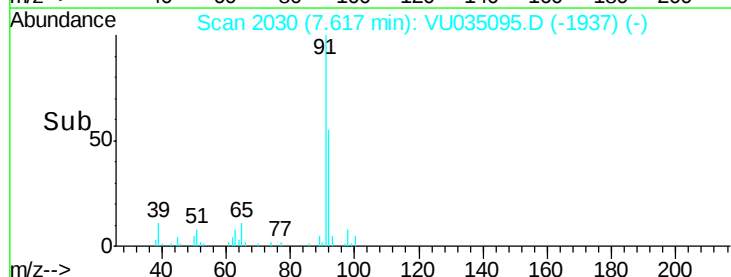
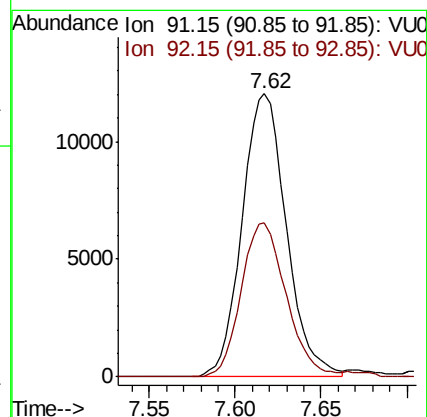
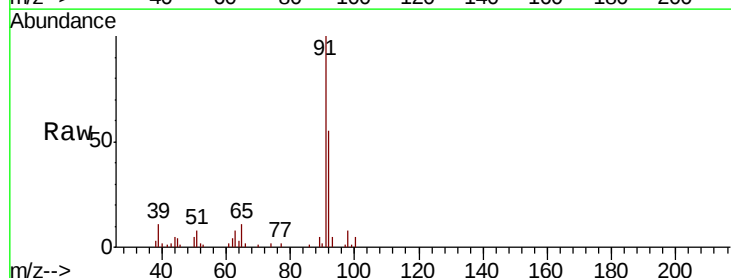
Acq: 11 Oct 2019 17:31

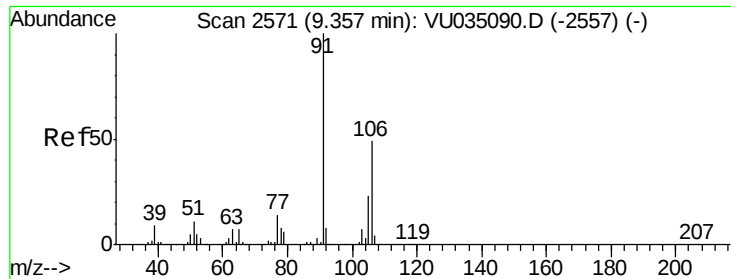
Tgt Ion: 91 Resp: 21505

Ion Ratio Lower Upper

91 100

92 54.6 40.0 74.2





#53

m,p-Xylene

Concen: 0.143 ug/L

RT: 9.36 min Scan# 2571

Delta R.T. 0.00 min

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ClientSampleId :

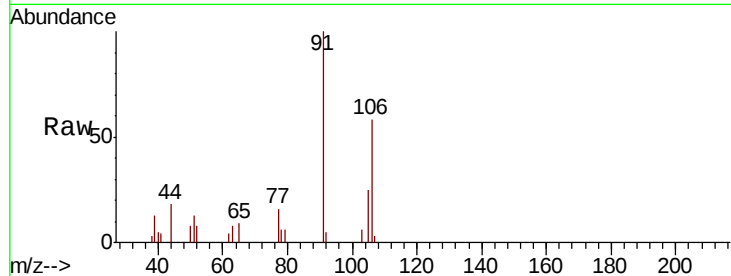
RB-1-191005-01

Tot Ion:106 Resp: 2914

Ion Ratio Lower Upper

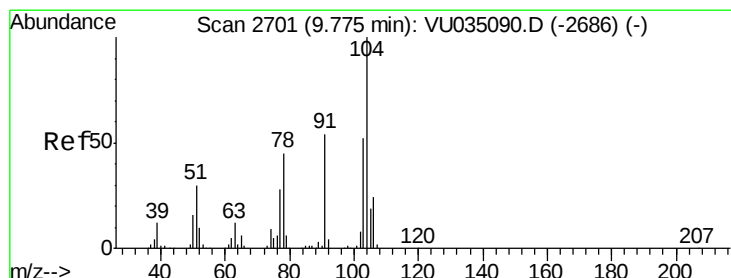
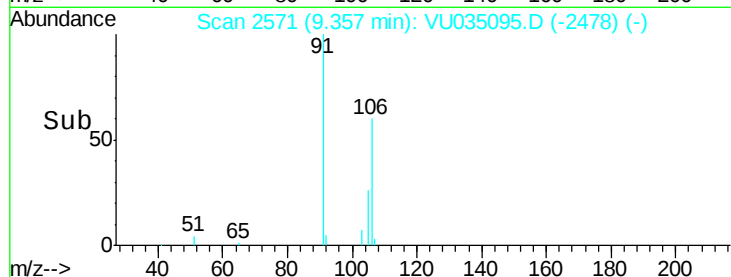
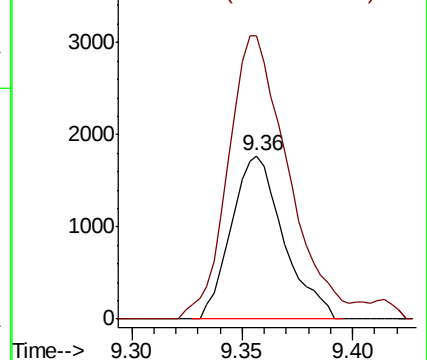
106 100

91 173.3 147.6 274.0



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#55

Styrene

Concen: 0.169 ug/L

RT: 9.78 min Scan# 2703

Delta R.T. 0.01 min

Lab File: VU035095.D

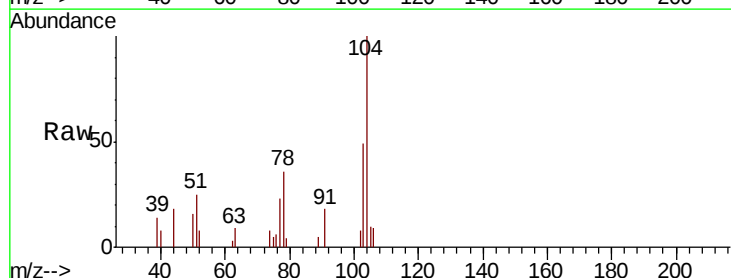
Acq: 11 Oct 2019 17:31

Tgt Ion:104 Resp: 5445

Ion Ratio Lower Upper

104 100

78 36.0 32.8 60.8



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VU0

