

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U122418\
 Data File : VU028944.D
 Acq On : 24 Dec 2018 13:54
 Operator : MD/SY
 Sample : J6542-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F77

Quant Time: Dec 26 09:44:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 25 00:02:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	256556	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	239988	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	111986	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	76754	37.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.64%
7) Chloroethane-d5	1.67	69	69936	44.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.04%
11) 1,1-Dichloroethene-d2	2.27	63	112945	32.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.30%
21) 2-Butanone-d5	4.17	46	131075	90.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.96%
24) Chloroform-d	4.65	84	152296	47.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.18%
26) 1,2-Dichloroethane-d4	5.31	65	95219	47.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.52%
32) Benzene-d6	5.34	84	335049	49.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.84%
36) 1,2-Dichloropropane-d6	6.33	67	110866	48.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.26%
41) Toluene-d8	7.57	98	313008	50.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.90%
43) trans-1,3-Dichloropropene-	7.85	79	51365	49.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.54%
47) 2-Hexanone-d5	8.31	63	113431	103.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.69%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	154591	48.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.76%
64) 1,2-Dichlorobenzene-d4	11.86	152	119640	52.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.64%

Target Compounds

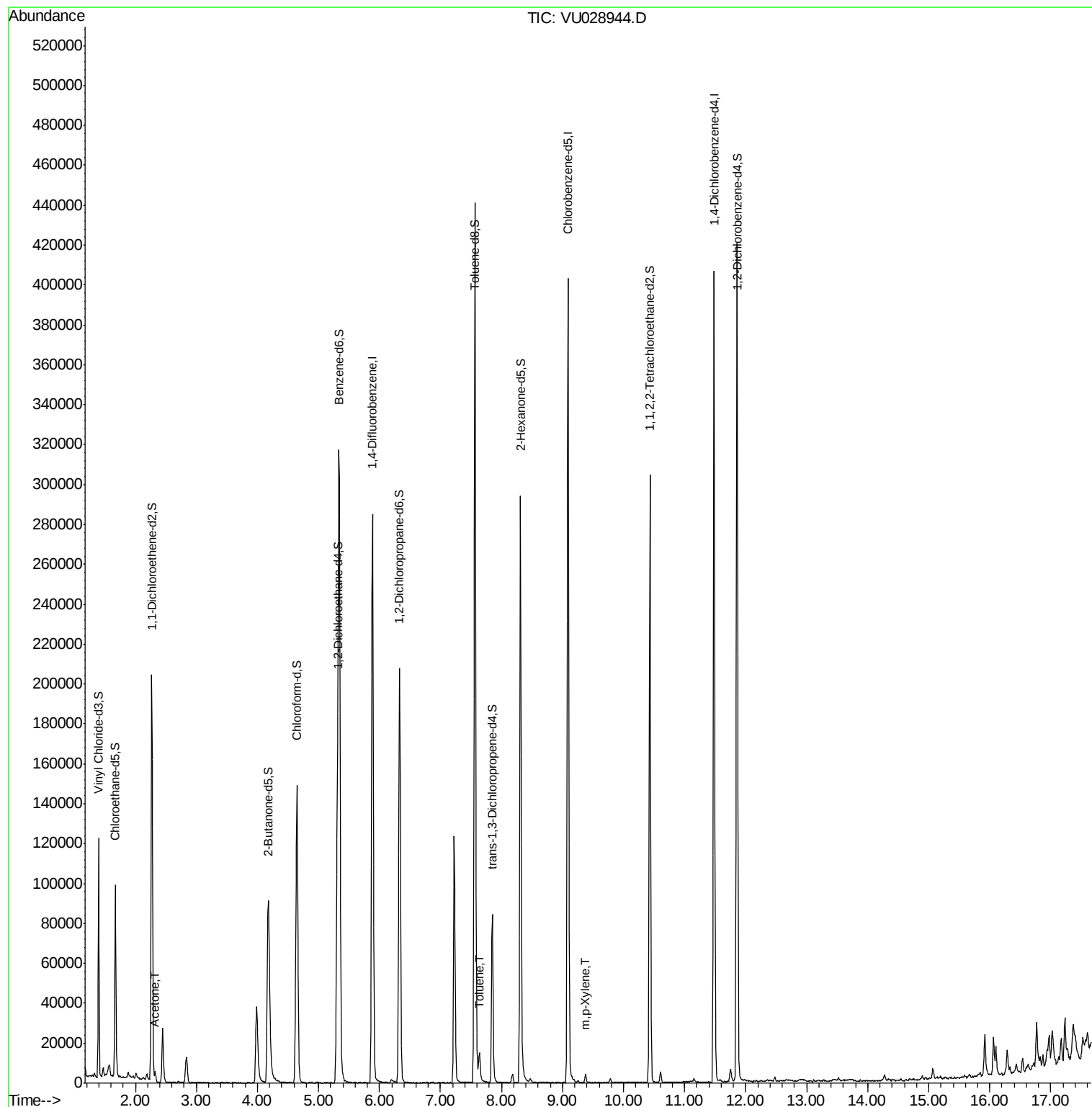
					Qvalue
13) Acetone	2.32	43	4394	2.992 ug/L	97
42) Toluene	7.64	91	10228	1.321 ug/L	100
53) m,p-Xylene	9.37	106	1522	0.495 ug/L	97

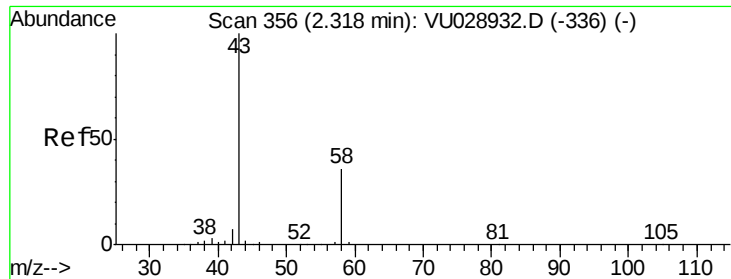
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.992 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028944.D

Acq: 24 Dec 2018 13:54

Instrument :

MSVOA_U

ClientSampleId :

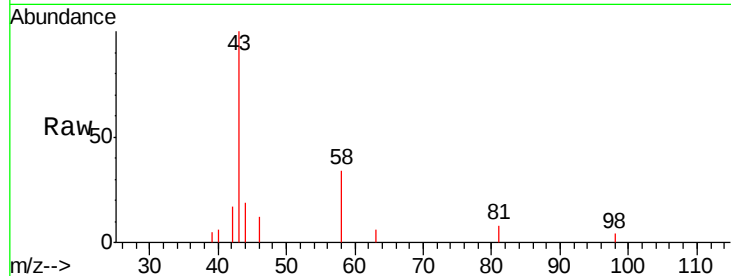
F9F77

Tgt Ion: 43 Resp: 4394

Ion Ratio Lower Upper

43 100

58 33.5 0.0 70.2



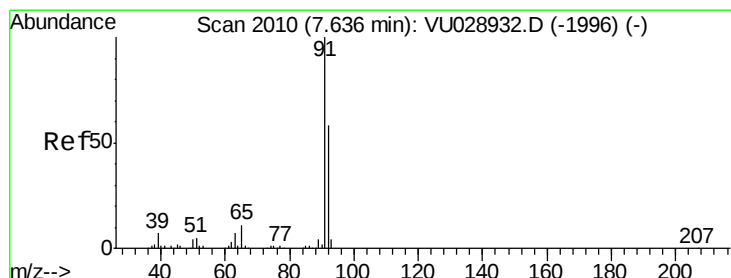
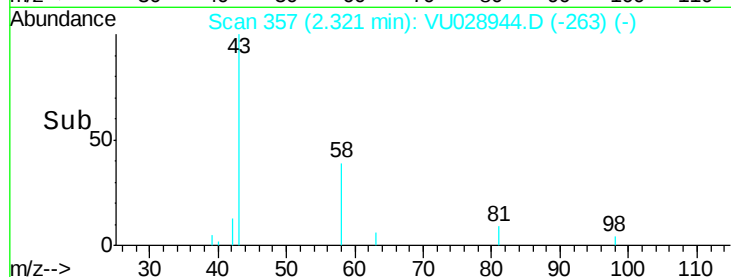
Abundance Ion 43.00 (42.70 to 43.70): VU028932.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VU028932.D (-336) (-)

2.32

2.30 2.35

Time-->



#42

Toluene

Concen: 1.321 ug/L

RT: 7.64 min Scan# 2010

Delta R.T. 0.00 min

Lab File: VU028944.D

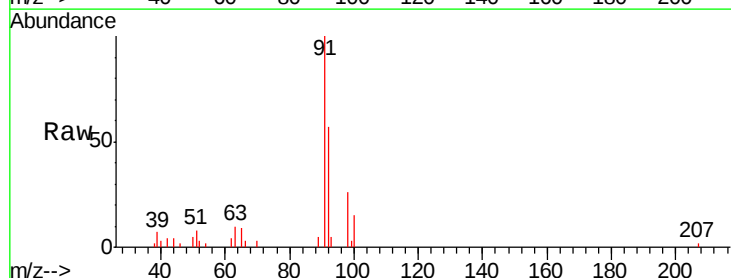
Acq: 24 Dec 2018 13:54

Tgt Ion: 91 Resp: 10228

Ion Ratio Lower Upper

91 100

92 57.1 39.9 74.1



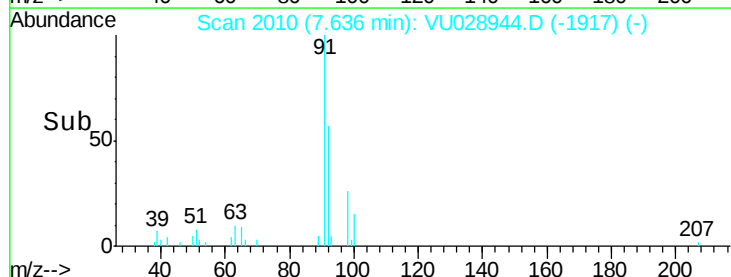
Abundance Ion 91.00 (90.70 to 91.70): VU028932.D (-1996) (-)

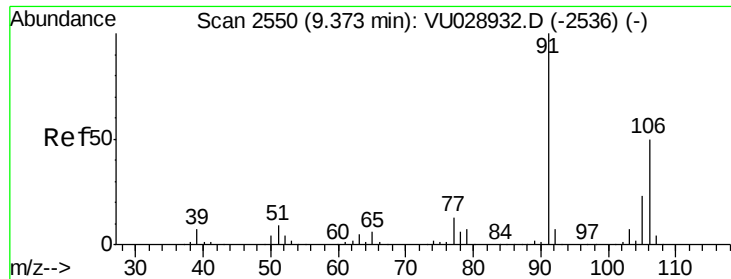
Ion 92.00 (91.70 to 92.70): VU028932.D (-1996) (-)

7.64

7.60 7.65 7.70

Time-->





#53
 m,p-Xylene
 Concen: 0.495 ug/L
 RT: 9.37 min Scan# 2550
 Delta R.T. 0.00 min
 Lab File: VU028944.D
 Acq: 24 Dec 2018 13:54

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F77

Tgt Ion:106 Resp: 1522
 Ion Ratio Lower Upper
 106 100
 91 201.5 144.1 267.5

