

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U121818\
 Data File : VU028772.D
 Acq On : 18 Dec 2018 16:10
 Operator : MD/SY
 Sample : J6471-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9H20

Quant Time: Dec 19 01:14:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM120718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 19 00:38:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	187019	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	174301	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	73883	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	78054	44.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.38%
7) Chloroethane-d5	1.67	69	61213	46.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.50%
11) 1,1-Dichloroethene-d2	2.27	63	98795	32.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.16%
21) 2-Butanone-d5	4.17	46	118551	84.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.52%
24) Chloroform-d	4.65	84	119544	43.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.50%
26) 1,2-Dichloroethane-d4	5.31	65	76989	42.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.48%
32) Benzene-d6	5.34	84	268396	49.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.50%
36) 1,2-Dichloropropane-d6	6.33	67	92697	47.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.72%
41) Toluene-d8	7.57	98	234668	47.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.44%
43) trans-1,3-Dichloropropene-	7.85	79	39252	43.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.70%
47) 2-Hexanone-d5	8.31	63	92526	97.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.62%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	122161	48.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.08%
64) 1,2-Dichlorobenzene-d4	11.86	152	83425	55.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.30%

Target Compounds

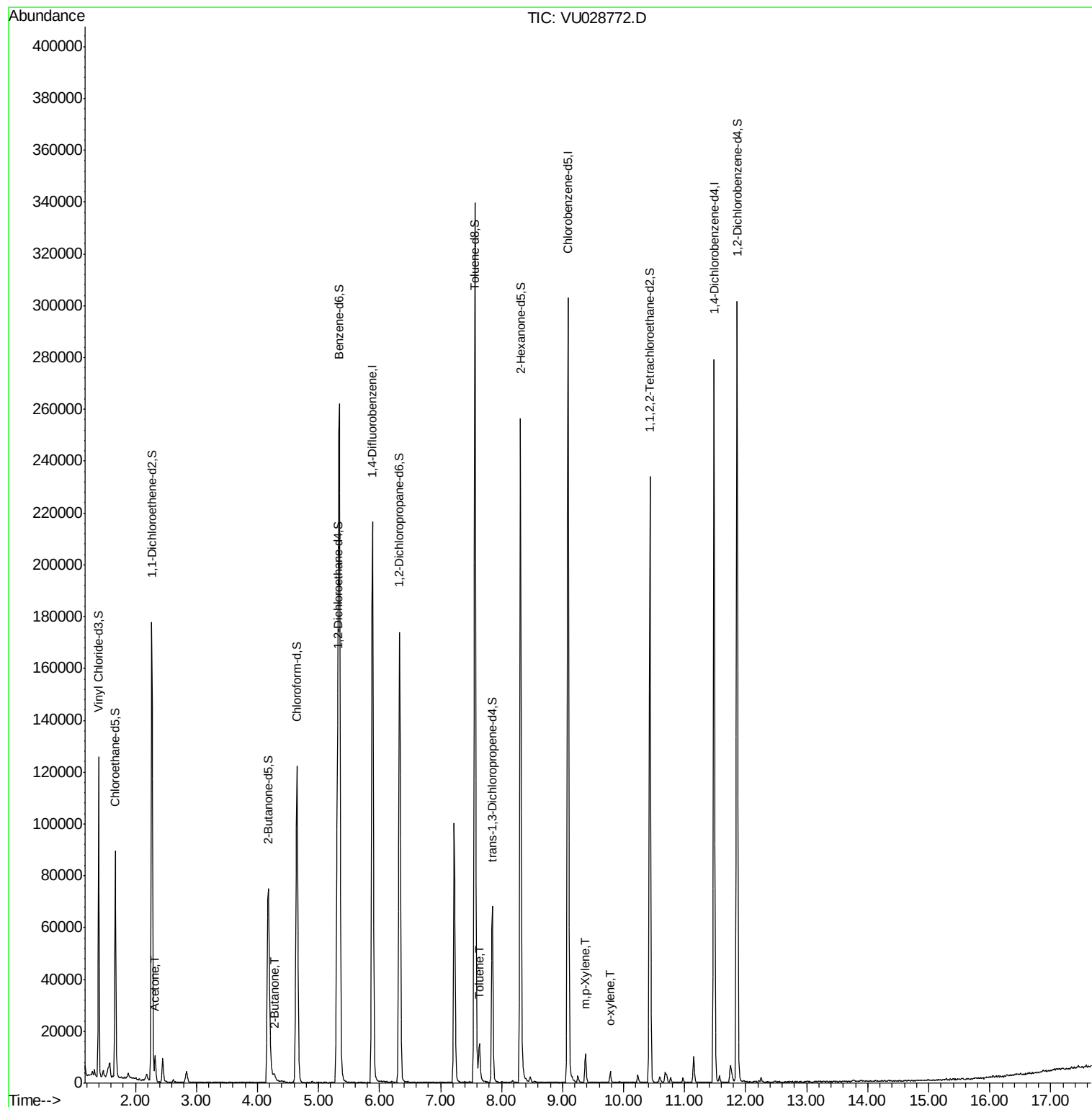
					Qvalue
13) Acetone	2.32	43	9015	5.749 ug/L	92
22) 2-Butanone	4.28	43	4244	2.292 ug/L	92
42) Toluene	7.64	91	9960	1.577 ug/L	94
53) m,p-Xylene	9.37	106	3417	1.350 ug/L	98
54) o-xylene	9.78	106	1372	0.552 ug/L	87

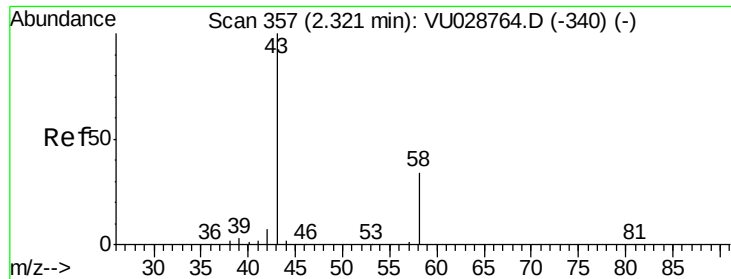
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.749 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028772.D

Acq: 18 Dec 2018 16:10

Instrument :

MSVOA_U

ClientSampleId :

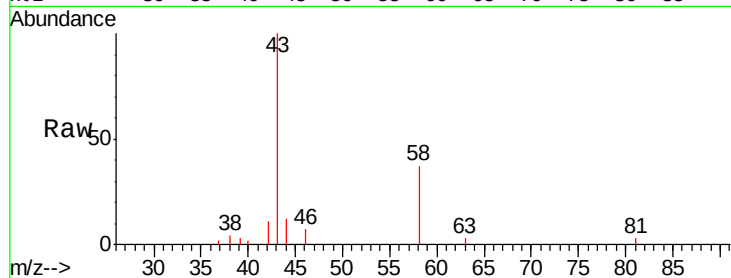
F9H20

Tgt Ion: 43 Resp: 9015

Ion Ratio Lower Upper

43 100

58 35.6 0.0 62.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

5000

4000

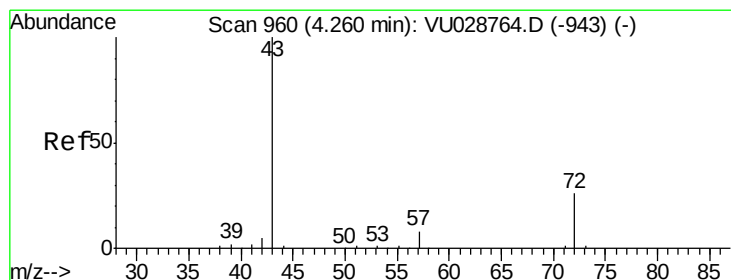
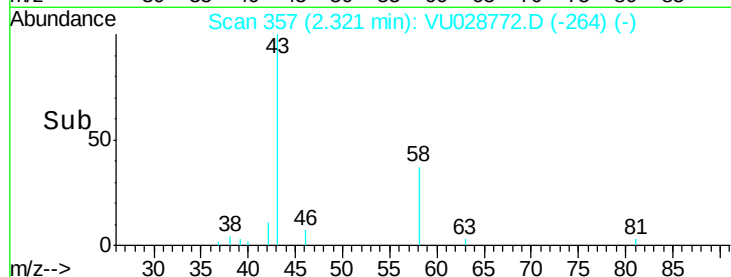
3000

2000

1000

0

Time-->



#22

2-Butanone

Concen: 2.292 ug/L

RT: 4.28 min Scan# 966

Delta R.T. 0.02 min

Lab File: VU028772.D

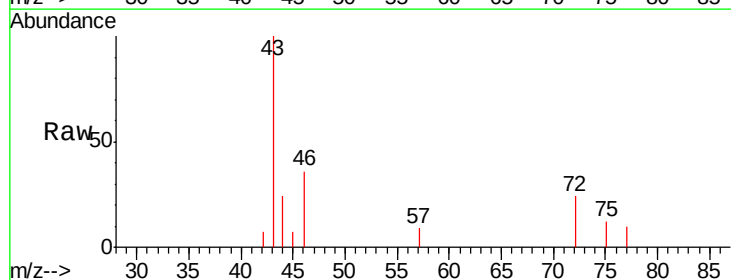
Acq: 18 Dec 2018 16:10

Tgt Ion: 43 Resp: 4244

Ion Ratio Lower Upper

43 100

72 19.9 11.9 35.5



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

4.28

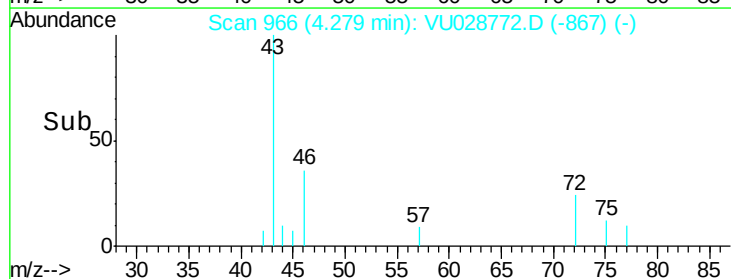
1500

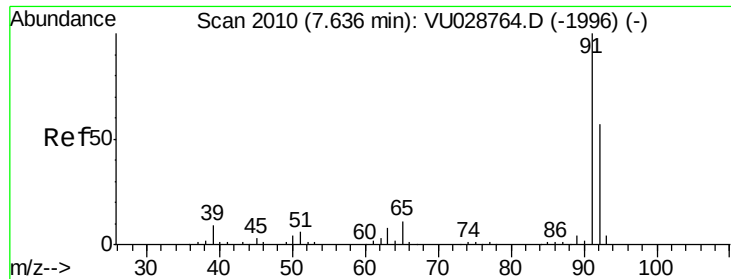
1000

500

0

Time-->





#42

Toluene

Concen: 1.577 ug/L

RT: 7.64 min Scan# 2010

Delta R.T. 0.00 min

Lab File: VU028772.D

Acq: 18 Dec 2018 16:10

Instrument :

MSVOA_U

ClientSampleId :

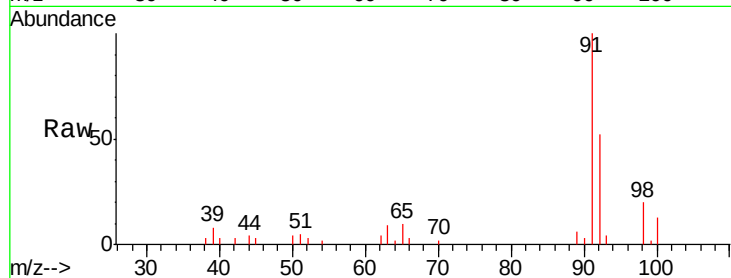
F9H20

Tgt Ion: 91 Resp: 9960

Ion Ratio Lower Upper

91 100

92 52.1 39.5 73.4



Abundance Ion 91.00 (90.70 to 91.70): VU028764.D (-1996) (-)

Ion 92.00 (91.70 to 92.70): VU028764.D (-1996) (-)

7.64

6000

5000

4000

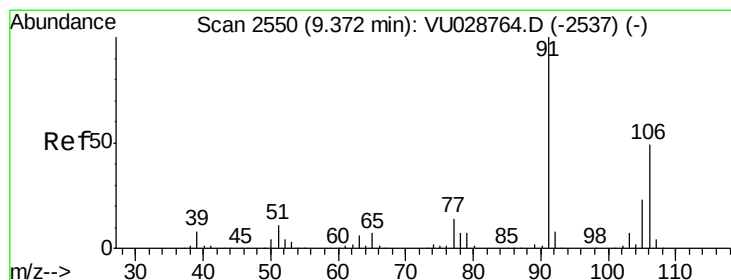
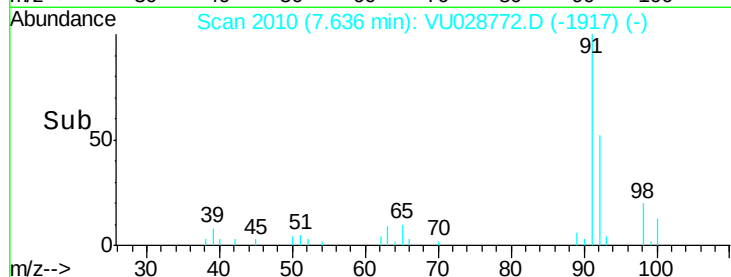
3000

2000

1000

0

Time-->



#53

m,p-Xylene

Concen: 1.350 ug/L

RT: 9.37 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VU028772.D

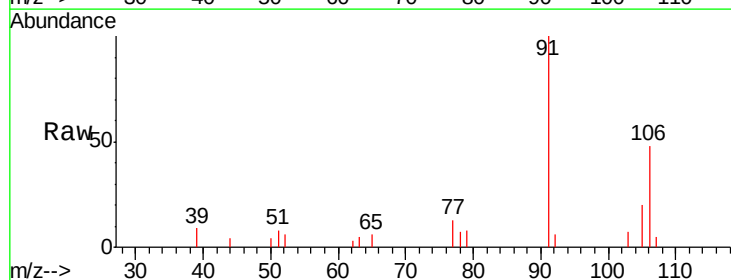
Acq: 18 Dec 2018 16:10

Tgt Ion: 106 Resp: 3417

Ion Ratio Lower Upper

106 100

91 209.7 148.8 276.4



Abundance Ion 106.00 (105.70 to 106.70): VU028764.D (-2537) (-)

Ion 91.00 (90.70 to 91.70): VU028764.D (-2537) (-)

9.37

5000

4000

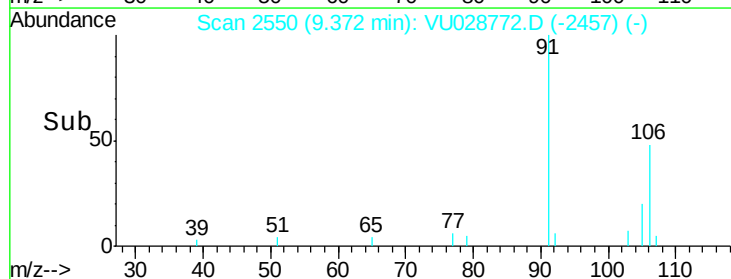
3000

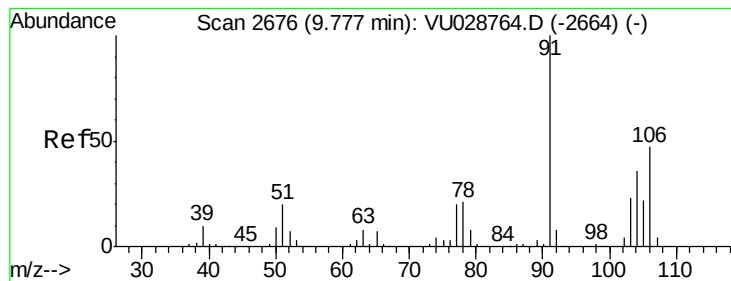
2000

1000

0

Time-->





#54

o-xylene

Concen: 0.552 ug/L

RT: 9.78 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VU028772.D

Acq: 18 Dec 2018 16:10

Instrument :

MSVOA_U

ClientSampleId :

F9H20

Tgt Ion:106 Resp: 1372

Ion Ratio Lower Upper

106 100

91 196.0 151.4 281.2

