

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\
 Data File : VU028819.D
 Acq On : 20 Dec 2018 13:05
 Operator : MD/SY
 Sample : J6487-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9H21

Quant Time: Dec 21 04:11:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 21 03:50:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	191490	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	179054	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	75581	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	67042	43.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.34%
7) Chloroethane-d5	1.67	69	53369	45.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.02%
11) 1,1-Dichloroethene-d2	2.27	63	86628	33.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.12%
21) 2-Butanone-d5	4.17	46	107825	100.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.25%
24) Chloroform-d	4.65	84	109910	45.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.06%
26) 1,2-Dichloroethane-d4	5.31	65	69604	46.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.56%
32) Benzene-d6	5.34	84	239590	47.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.72%
36) 1,2-Dichloropropane-d6	6.33	67	84651	49.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.52%
41) Toluene-d8	7.56	98	210369	45.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.78%
43) trans-1,3-Dichloropropene-	7.85	79	36620	47.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.12%
47) 2-Hexanone-d5	8.31	63	83865	102.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.75%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	114622	48.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.16%
64) 1,2-Dichlorobenzene-d4	11.86	152	74655	48.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.68%

Target Compounds

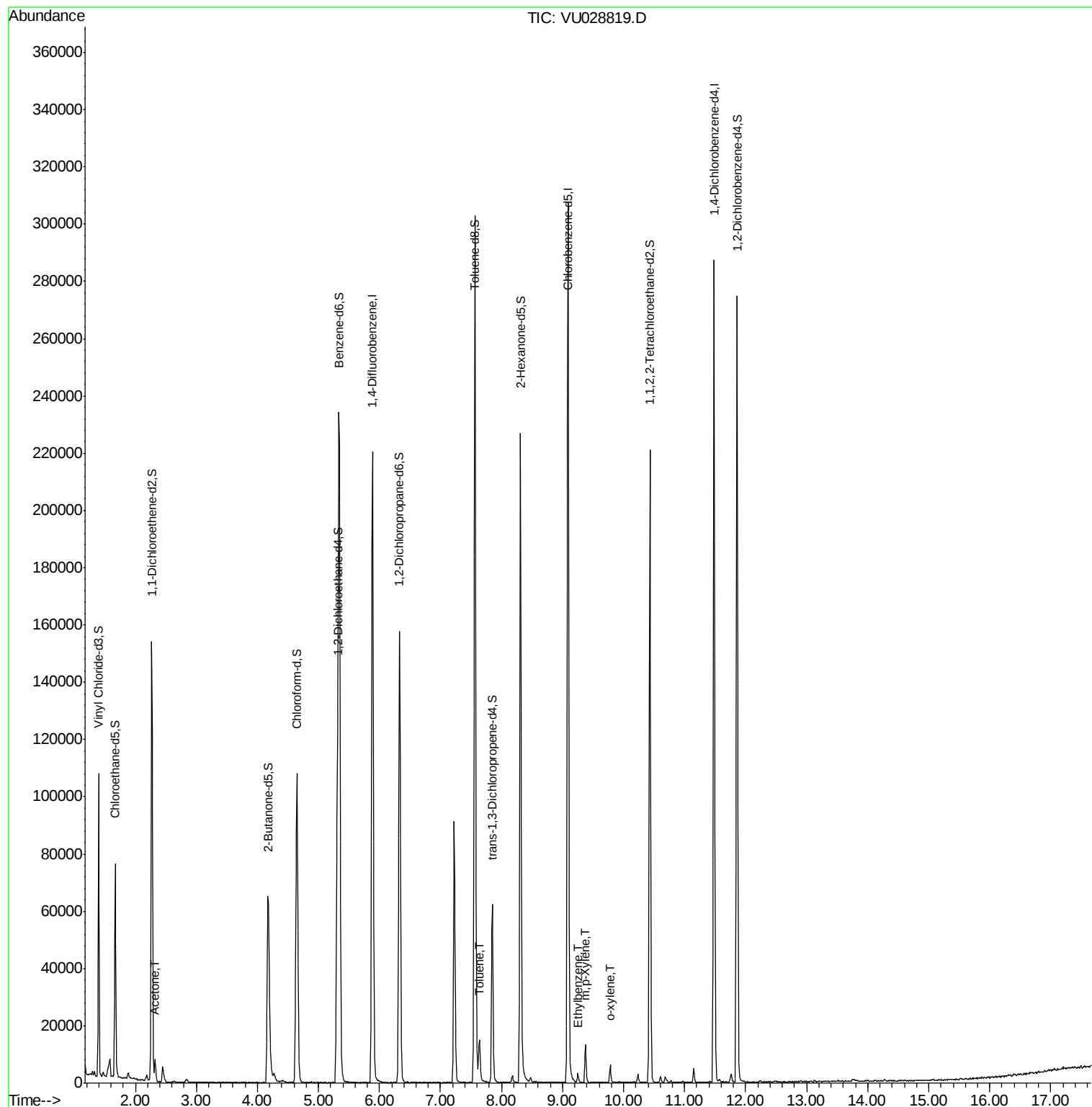
					Qvalue
13) Acetone	2.32	43	6835	6.236	ug/L 100
42) Toluene	7.64	91	10944	1.894	ug/L 97
52) Ethylbenzene	9.25	91	3148	0.507	ug/L 99
53) m,p-Xylene	9.37	106	3844	1.674	ug/L 91
54) o-xylene	9.78	106	1697	0.737	ug/L 86

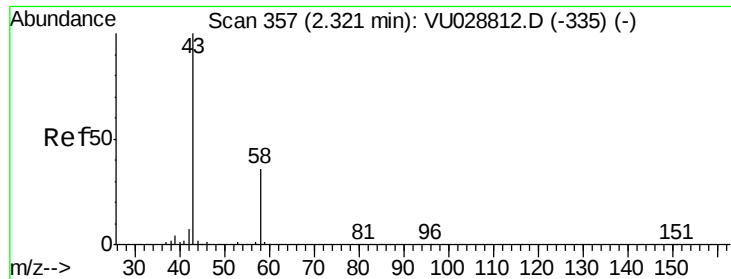
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.236 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

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Acq: 20 Dec 2018 13:05

Instrument :

MSVOA_U

ClientSampleId :

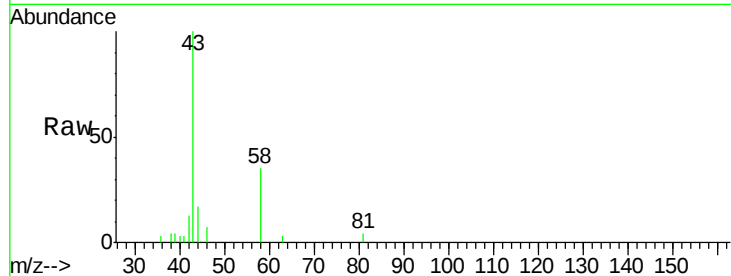
F9H21

Tgt Ion: 43 Resp: 6835

Ion Ratio Lower Upper

43 100

58 35.1 0.0 70.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

5000

4000

3000

2000

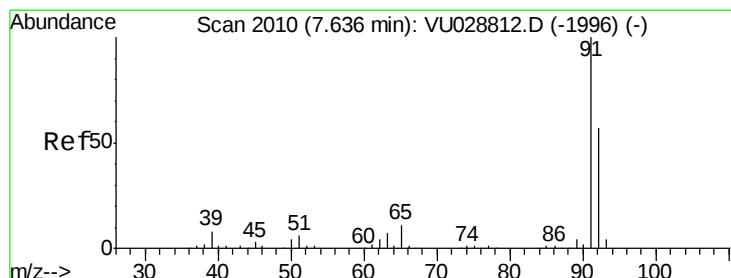
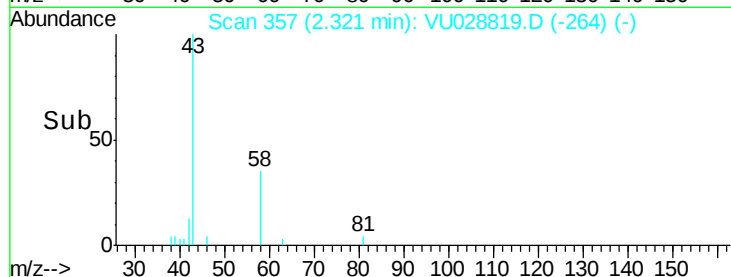
1000

0

Time-->

2.30 2.35

2.32



#42

Toluene

Concen: 1.894 ug/L

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU028819.D

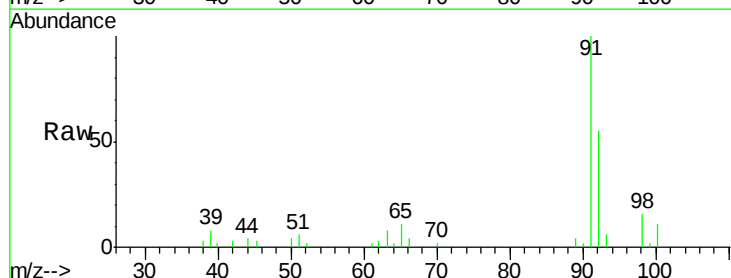
Acq: 20 Dec 2018 13:05

Tgt Ion: 91 Resp: 10944

Ion Ratio Lower Upper

91 100

92 54.8 39.9 74.1



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

6000

4000

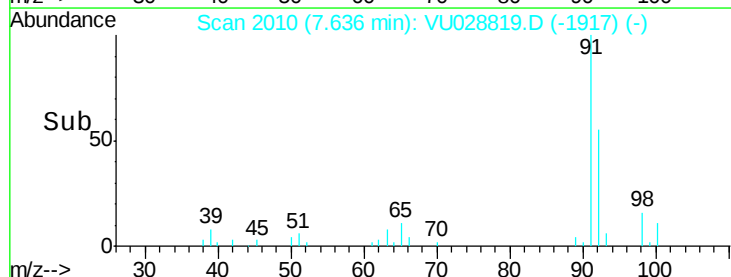
2000

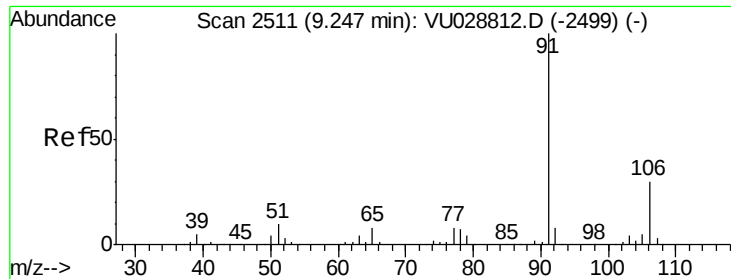
0

Time-->

7.60 7.65 7.70

7.64





#52

Ethylbenzene

Concen: 0.507 ug/L

RT: 9.25 min Scan# 2512

Delta R.T. 0.00 min

Lab File: VU028819.D

Acq: 20 Dec 2018 13:05

Instrument :

MSVOA_U

ClientSampleId :

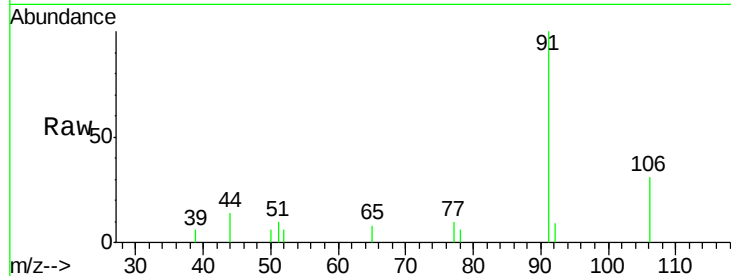
F9H21

Tgt Ion: 91 Resp: 3148

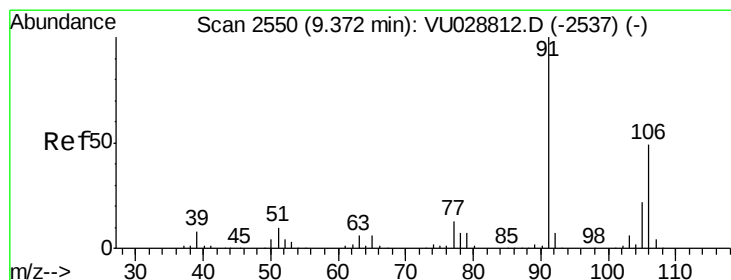
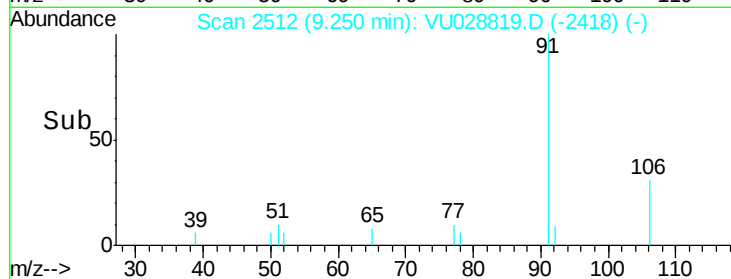
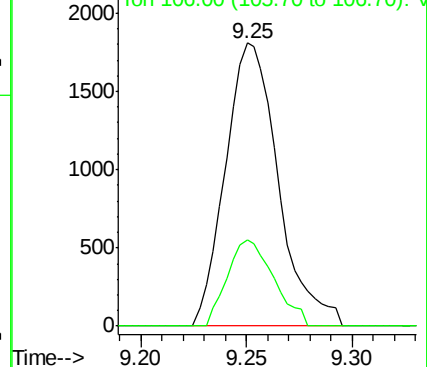
Ion Ratio Lower Upper

91 100

106 30.6 20.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VU028812.D (-2499) (-)



#53

m,p-Xylene

Concen: 1.674 ug/L

RT: 9.37 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VU028819.D

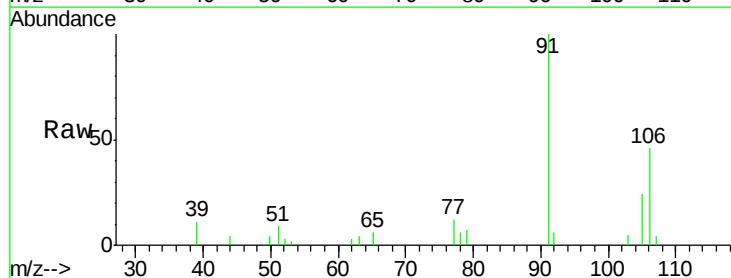
Acq: 20 Dec 2018 13:05

Tgt Ion: 106 Resp: 3844

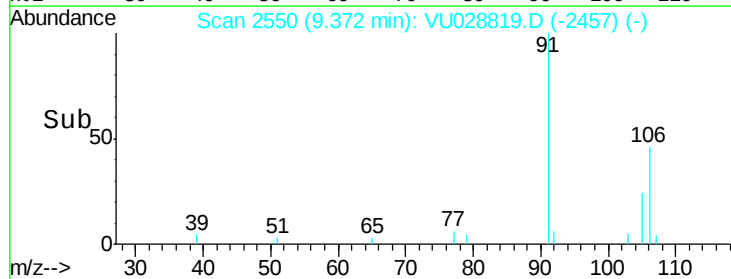
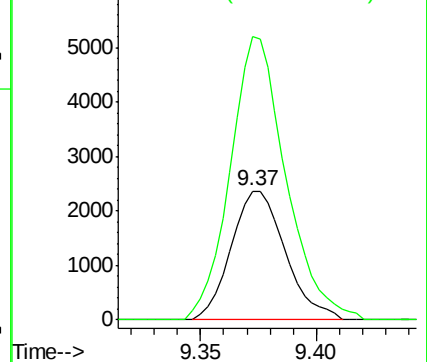
Ion Ratio Lower Upper

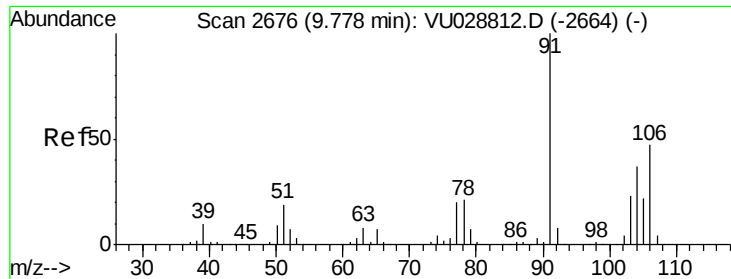
106 100

91 219.7 144.1 267.5



Abundance Ion 106.00 (105.70 to 106.70): VU028812.D (-2537) (-)





#54
 o-xylene
 Concen: 0.737 ug/L
 RT: 9.78 min Scan# 2677
 Delta R.T. 0.00 min
 Lab File: VU028819.D
 Acq: 20 Dec 2018 13:05

Instrument :
 MSVOA_U
 ClientSampleId :
 F9H21

Tgt Ion:106 Resp: 1697
 Ion Ratio Lower Upper
 106 100
 91 193.4 150.4 279.4

