

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100818\
 Data File : VU027501.D
 Acq On : 08 Oct 2018 15:38
 Operator : MD/SY
 Sample : J5298-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E62T6

Quant Time: Oct 09 09:11:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 09 04:55:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	189974	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	180105	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	86696	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	61071	40.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.70%
7) Chloroethane-d5	1.68	69	51259	44.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.27	63	90532	32.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.56%
21) 2-Butanone-d5	4.18	46	130916	108.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.47%
24) Chloroform-d	4.65	84	116967	48.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.82%
26) 1,2-Dichloroethane-d4	5.31	65	82856	49.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.90%
32) Benzene-d6	5.34	84	237769	46.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.12%
36) 1,2-Dichloropropane-d6	6.33	67	85312	48.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.50%
41) Toluene-d8	7.57	98	197691	42.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.70%
43) trans-1,3-Dichloropropene-	7.85	79	38104	44.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.44%
47) 2-Hexanone-d5	8.31	63	93642	104.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.87%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	114887	49.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.38%
64) 1,2-Dichlorobenzene-d4	11.86	152	79146	46.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.32%

Target Compounds

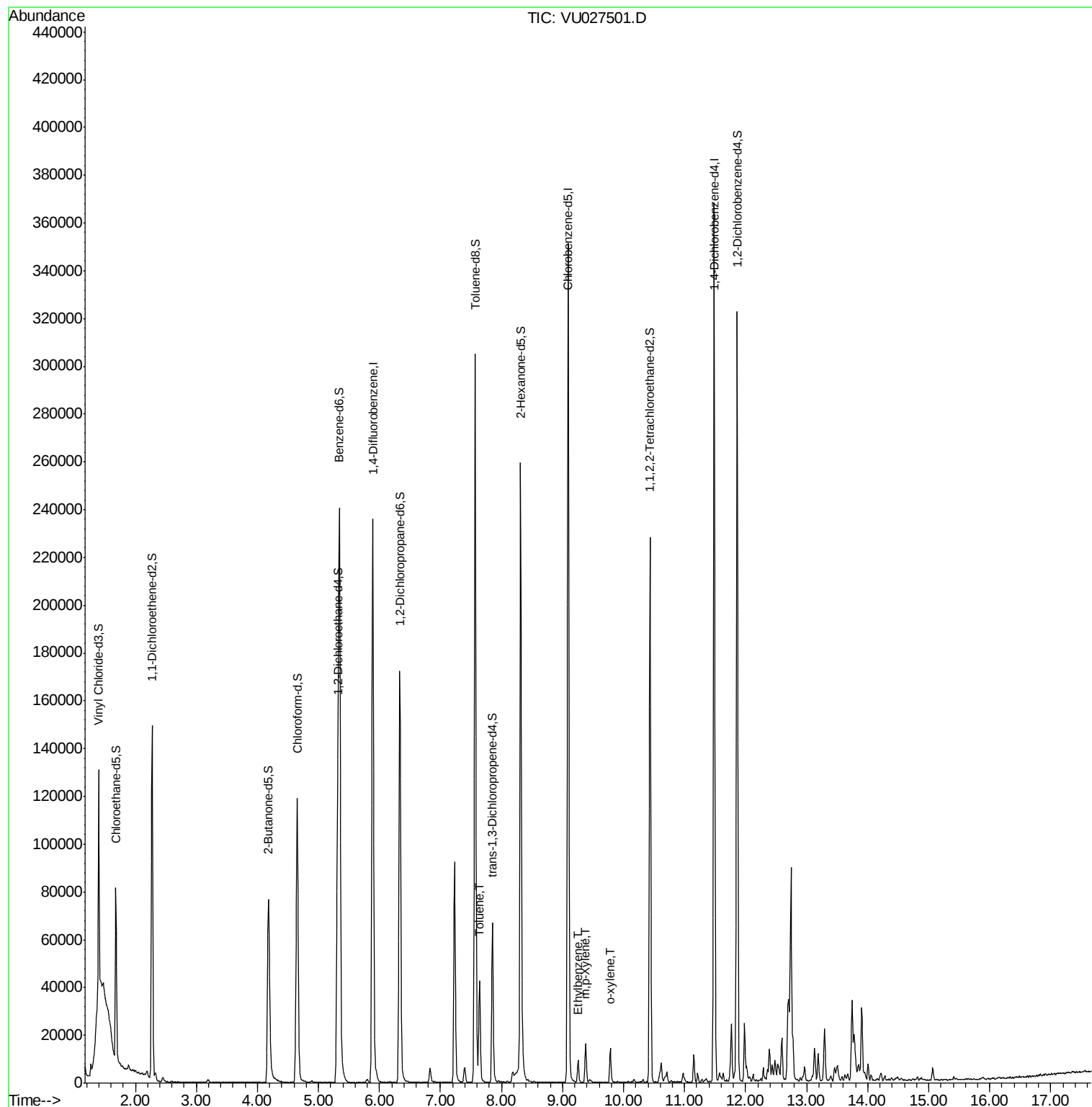
					Ovalue
42) Toluene	7.64	91	31113	5.239 ug/L	99
52) Ethylbenzene	9.25	91	7106	1.078 ug/L	94
53) m,p-Xylene	9.38	106	4221	1.749 ug/L	95
54) o-xylene	9.78	106	3583	1.541 ug/L	98

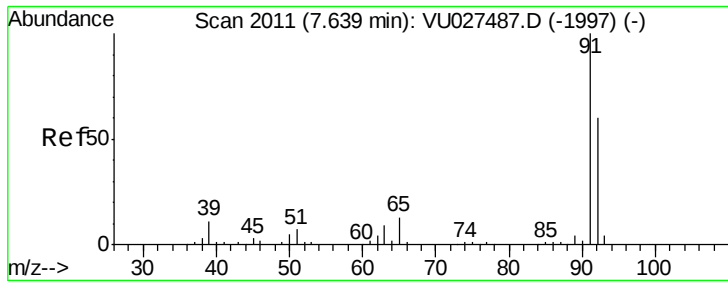
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100818\
Data File : VU027501.D
Acq On : 08 Oct 2018 15:38
Operator : MD/SY
Sample : J5298-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E62T6

Quant Time: Oct 09 09:11:35 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 09 04:55:00 2018
Response via : Initial Calibration





#42

Toluene

Concen: 5.239 ug/L

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027501.D

Acq: 08 Oct 2018 15:38

Instrument :

MSVOA_U

ClientSampleId :

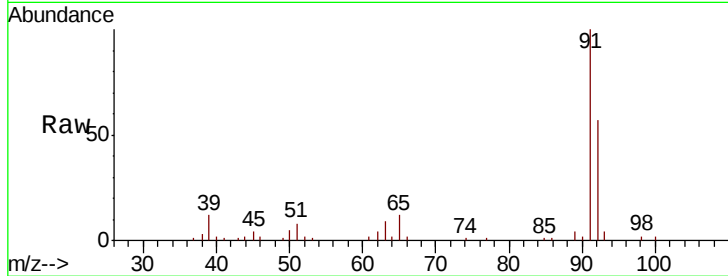
E62T6

Tot Ion: 91 Resp: 31113

Ion Ratio Lower Upper

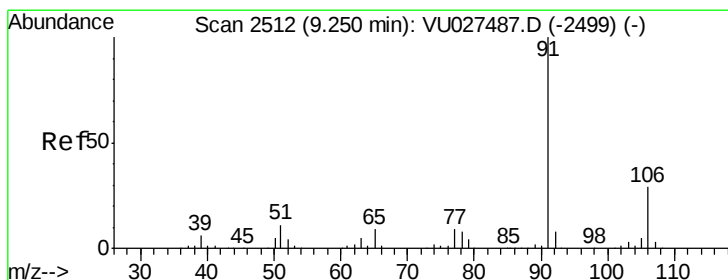
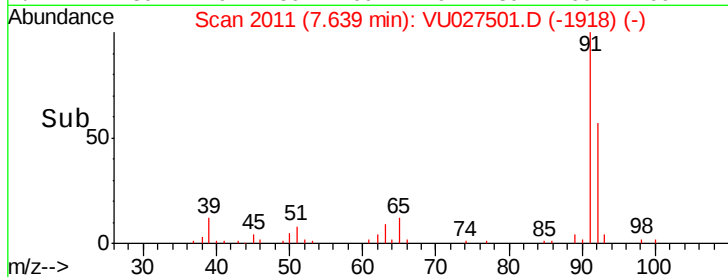
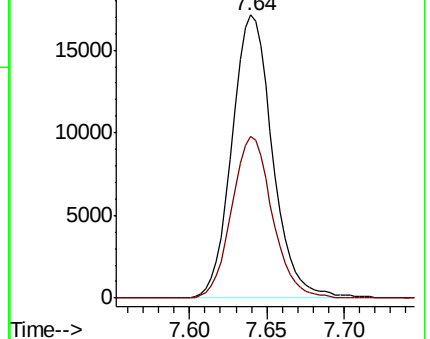
91 100

92 57.0 40.2 74.6



Abundance Ion 91.00 (90.70 to 91.70): VU027487.D (-1997) (-)

Ion 92.00 (91.70 to 92.70): VU027487.D (-1997) (-)



#52

Ethylbenzene

Concen: 1.078 ug/L

RT: 9.25 min Scan# 2513

Delta R.T. 0.00 min

Lab File: VU027501.D

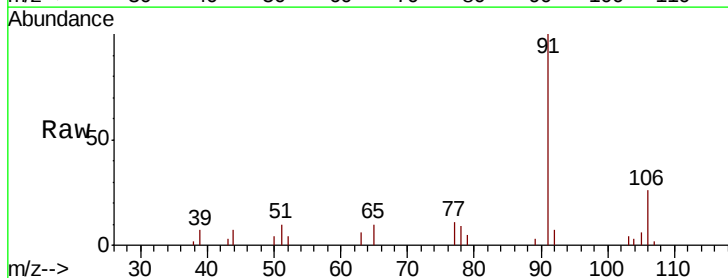
Acq: 08 Oct 2018 15:38

Tgt Ion: 91 Resp: 7106

Ion Ratio Lower Upper

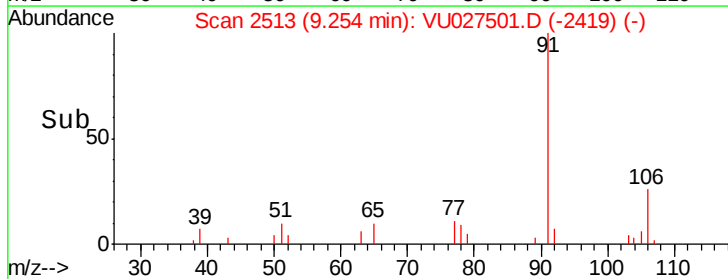
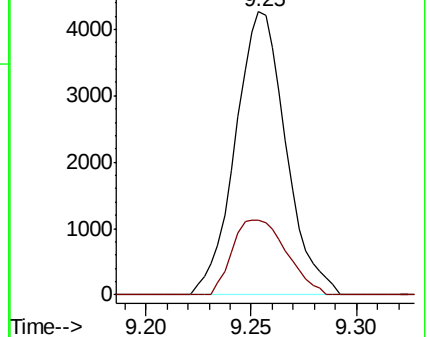
91 100

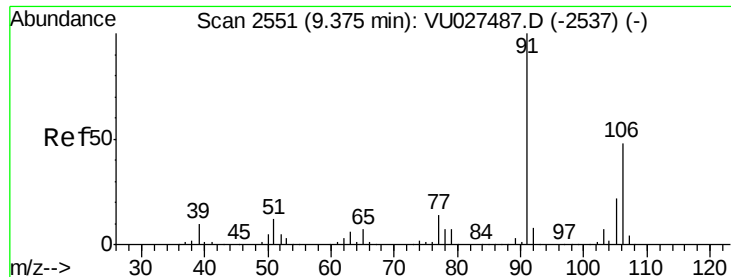
106 26.4 20.6 38.4



Abundance Ion 91.00 (90.70 to 91.70): VU027487.D (-2499) (-)

Ion 106.00 (105.70 to 106.70): VU027487.D (-2499) (-)





#53

m,p-Xylene

Concen: 1.749 ug/L

RT: 9.38 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VU027501.D

Acq: 08 Oct 2018 15:38

Instrument :

MSVOA_U

ClientSampleId :

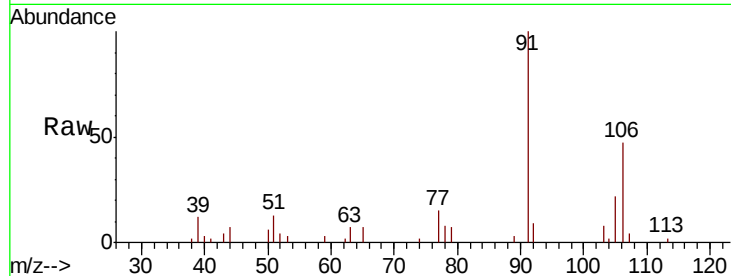
E62T6

Tot Ion:106 Resp: 4221

Ion Ratio Lower Upper

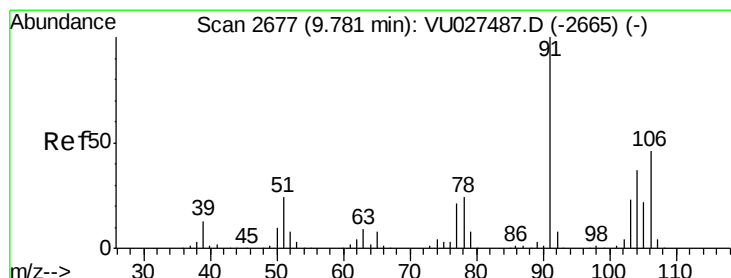
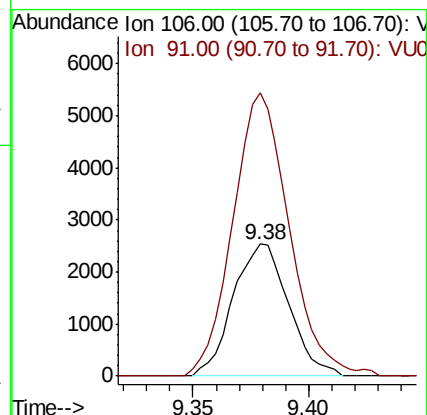
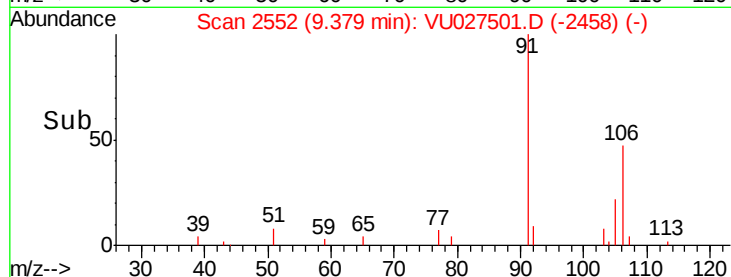
106 100

91 214.6 145.0 269.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 1.541 ug/L

RT: 9.78 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VU027501.D

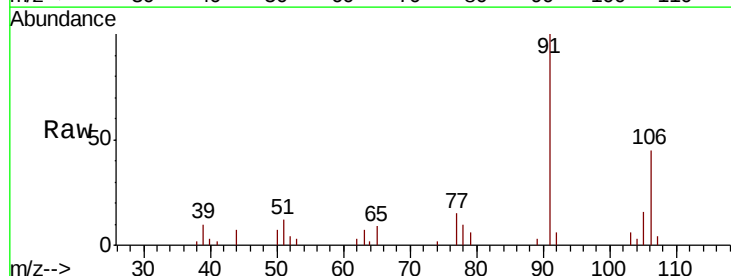
Acq: 08 Oct 2018 15:38

Tgt Ion:106 Resp: 3583

Ion Ratio Lower Upper

106 100

91 224.1 154.8 287.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

