

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100818\
 Data File : VU027518.D
 Acq On : 08 Oct 2018 22:39
 Operator : MD/SY
 Sample : J5298-18
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E62X1

Quant Time: Oct 09 09:32:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 09 05:21:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	183011	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	168061	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	78188	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	52578	36.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.02%
7) Chloroethane-d5	1.68	69	45188	40.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.46%
11) 1,1-Dichloroethene-d2	2.27	63	77333	28.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.24%#
21) 2-Butanone-d5	4.18	46	135356	116.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.42%
24) Chloroform-d	4.65	84	106826	46.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.74%
26) 1,2-Dichloroethane-d4	5.31	65	75822	46.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.94%
32) Benzene-d6	5.34	84	207725	43.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.26%
36) 1,2-Dichloropropane-d6	6.33	67	80433	48.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.50%
41) Toluene-d8	7.57	98	172483	40.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.12%
43) trans-1,3-Dichloropropene-	7.85	79	32932	41.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.84%
47) 2-Hexanone-d5	8.31	63	95516	114.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.63%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	112784	52.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	71072	46.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.92%

Target Compounds

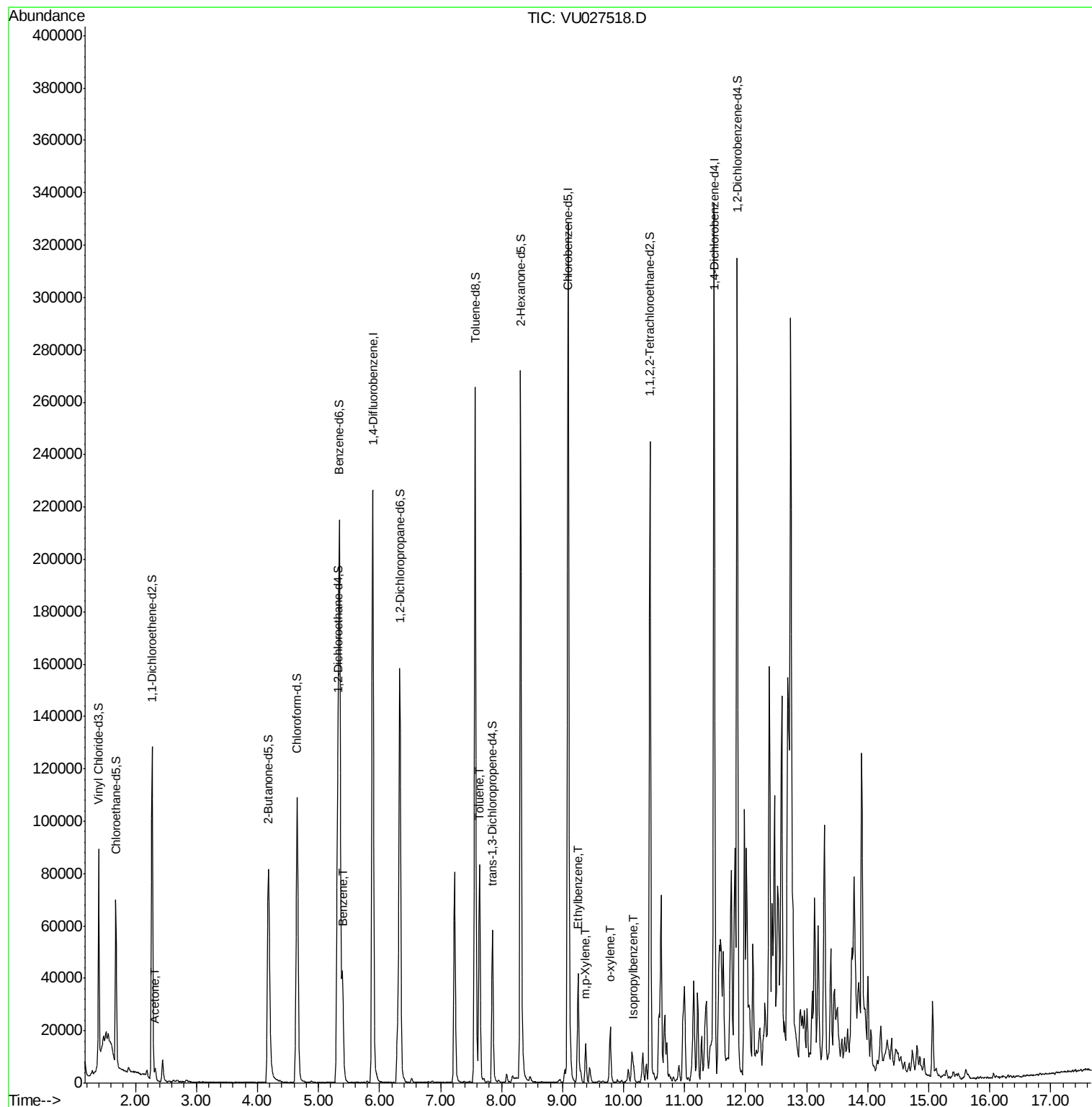
					Ovalue
13) Acetone	2.32	43	4389	4.602	ug/L 94
33) Benzene	5.39	78	38149	6.908	ug/L 100
42) Toluene	7.64	91	58972	10.642	ug/L 99
52) Ethylbenzene	9.25	91	25314	4.114	ug/L 99
53) m,p-Xylene	9.38	106	4118	1.829	ug/L 95
54) o-xylene	9.78	106	4615	2.127	ug/L 96
56) Isopropylbenzene	10.17	105	2962	0.521	ug/L 97

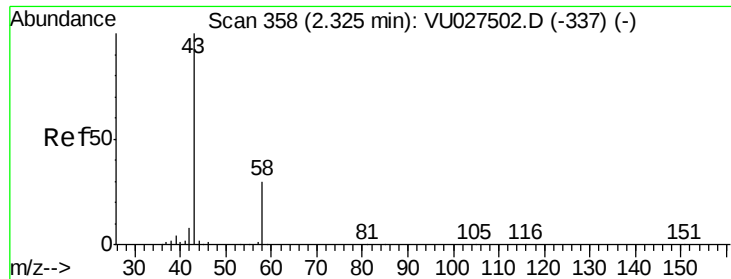
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 4.602 ug/L

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU027518.D

Acq: 08 Oct 2018 22:39

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MSVOA_U

ClientSampleId :

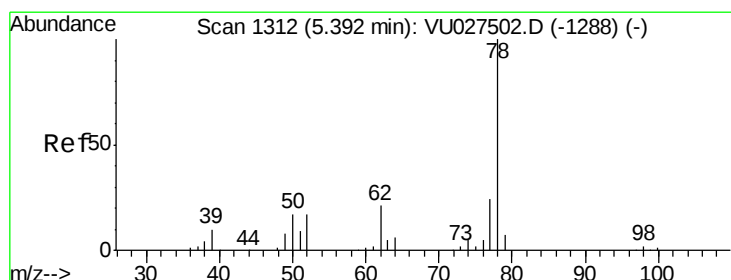
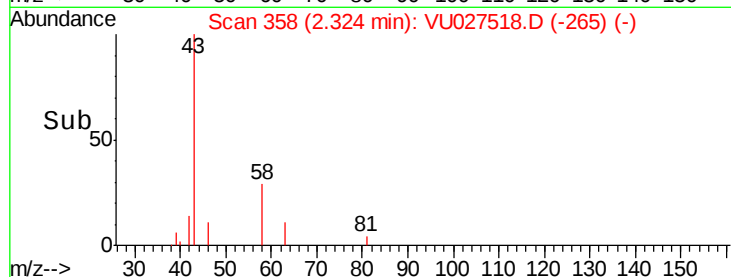
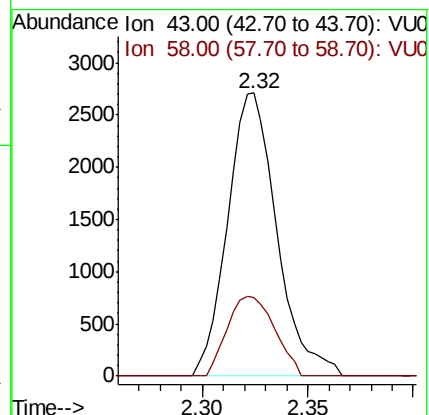
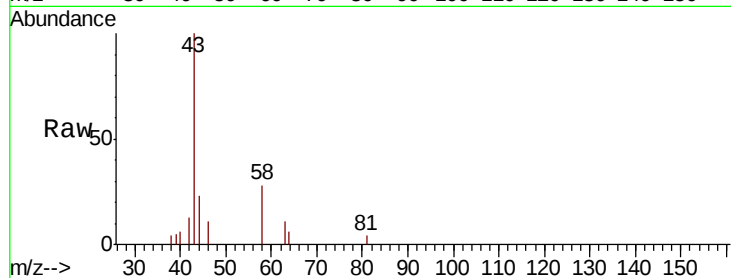
E62X1

Tot Ion: 43 Resp: 4389

Ion Ratio Lower Upper

43 100

58 27.1 0.0 60.8



#33

Benzene

Concen: 6.908 ug/L

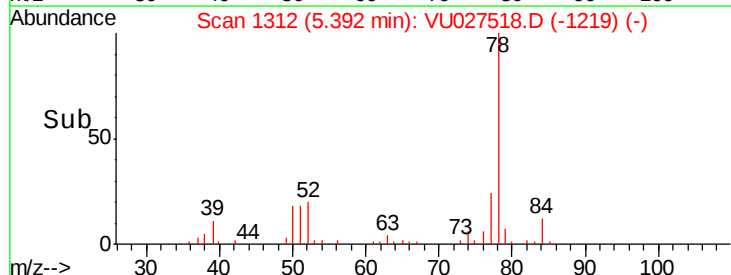
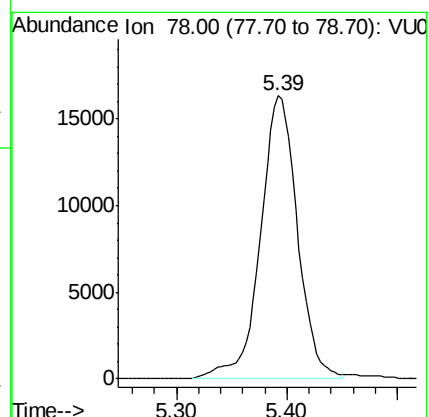
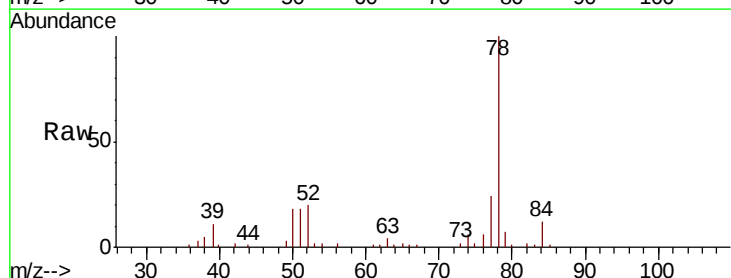
RT: 5.39 min Scan# 1312

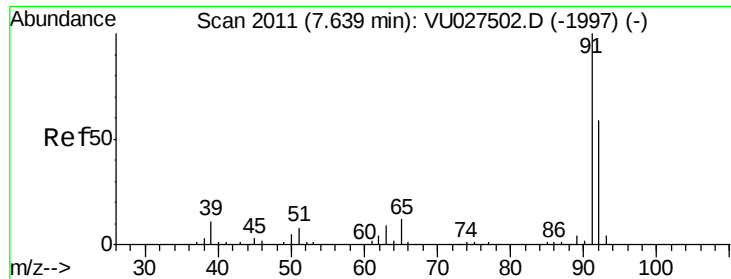
Delta R.T. -0.00 min

Lab File: VU027518.D

Acq: 08 Oct 2018 22:39

Tgt Ion: 78 Resp: 38149





#42

Toluene

Concen: 10.642 ug/L

RT: 7.64 min Scan# 2011

Delta R.T. -0.00 min

Lab File: VU027518.D

Acq: 08 Oct 2018 22:39

Instrument :

MSVOA_U

ClientSampleId :

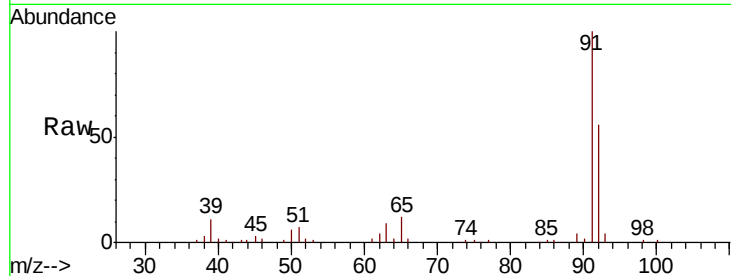
E62X1

Tot Ion: 91 Resp: 58972

Ion Ratio Lower Upper

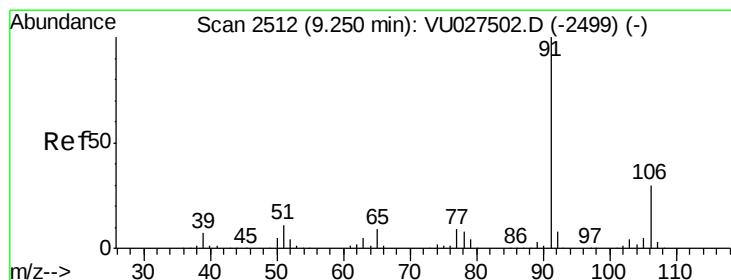
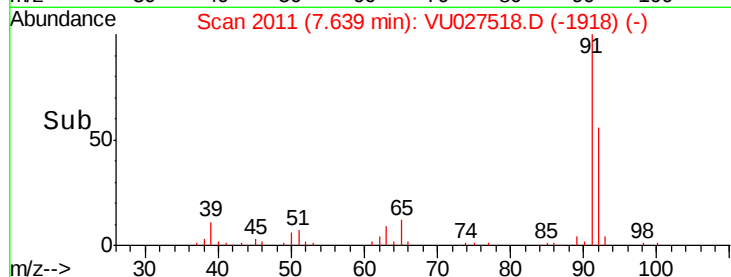
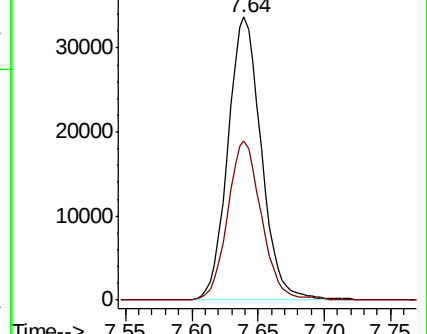
91 100

92 56.3 40.2 74.6



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0



#52

Ethylbenzene

Concen: 4.114 ug/L

RT: 9.25 min Scan# 2512

Delta R.T. -0.00 min

Lab File: VU027518.D

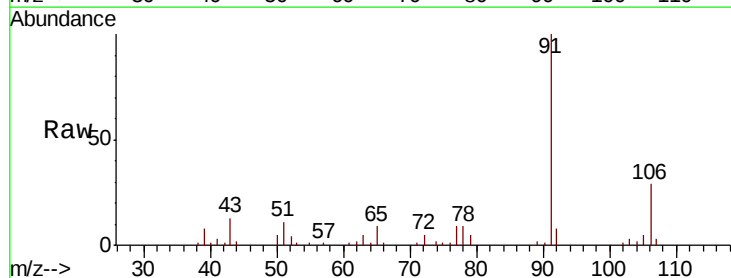
Acq: 08 Oct 2018 22:39

Tgt Ion: 91 Resp: 25314

Ion Ratio Lower Upper

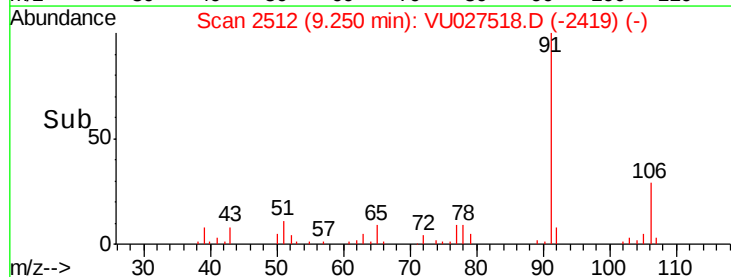
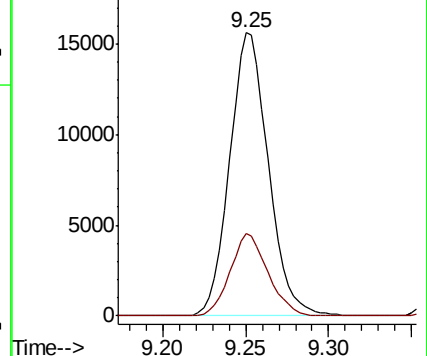
91 100

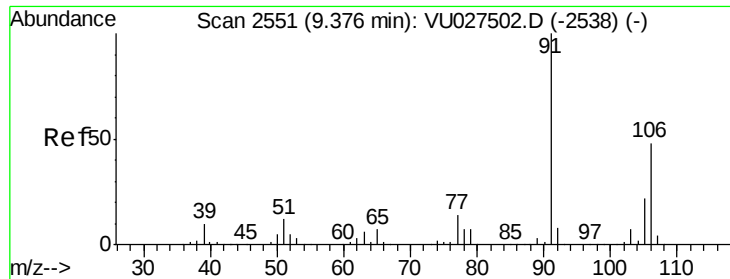
106 29.2 20.6 38.4



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V





#53

m,p-Xylene

Concen: 1.829 ug/L

RT: 9.38 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VU027518.D

Acq: 08 Oct 2018 22:39

Instrument :

MSVOA_U

ClientSampleId :

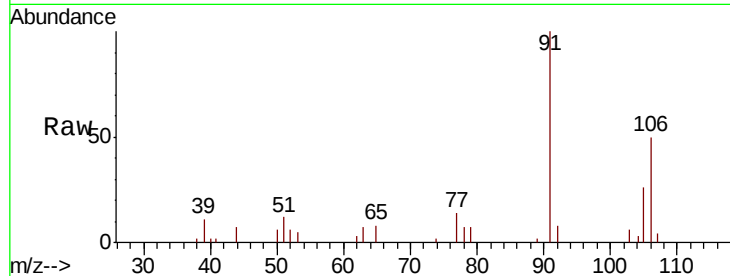
E62X1

Tot Ion:106 Resp: 4118

Ion Ratio Lower Upper

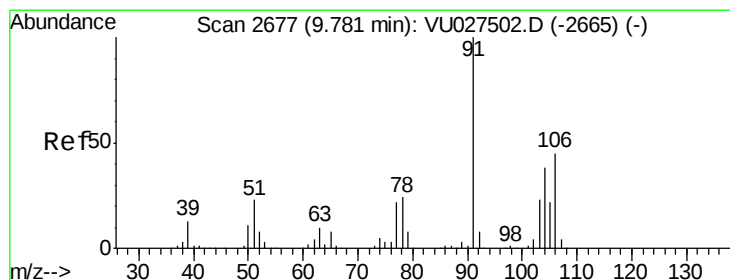
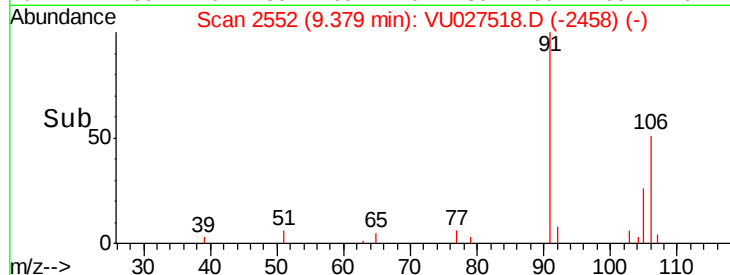
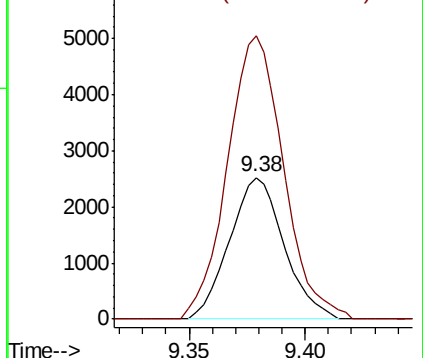
106 100

91 200.2 145.0 269.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 2.127 ug/L

RT: 9.78 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VU027518.D

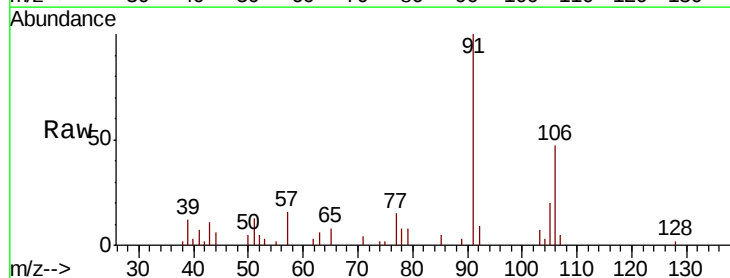
Acq: 08 Oct 2018 22:39

Tgt Ion:106 Resp: 4615

Ion Ratio Lower Upper

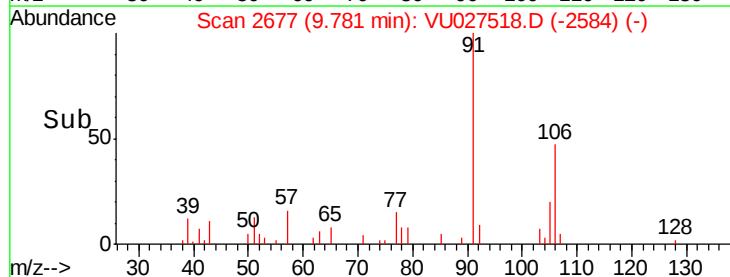
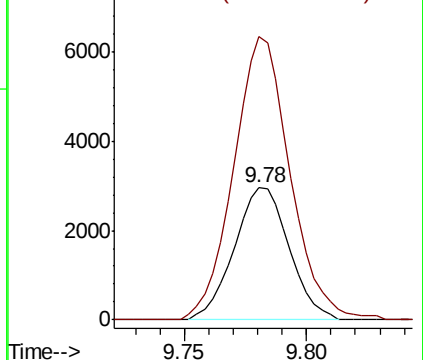
106 100

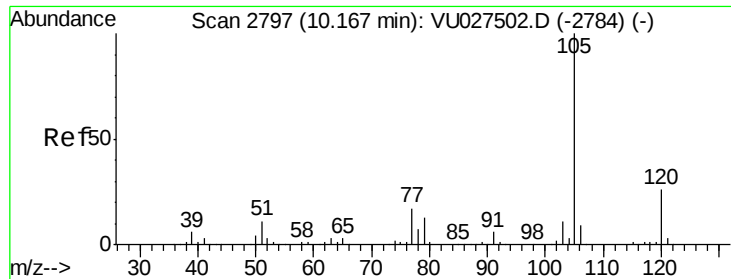
91 214.5 154.8 287.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#56

Isopropylbenzene

Concen: 0.521 ug/L

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU027518.D

Acq: 08 Oct 2018 22:39

Instrument :

MSVOA_U

ClientSampleId :

E62X1

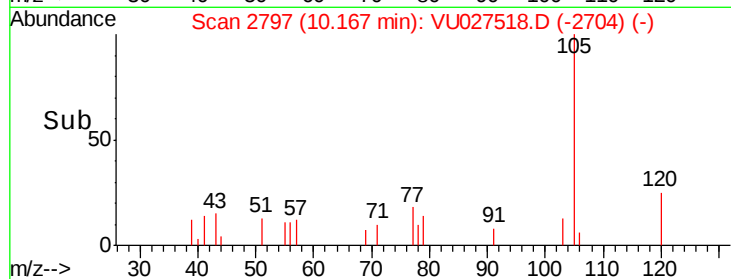
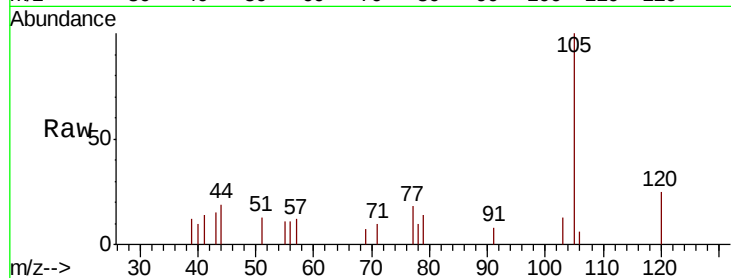
Tot Ion:105 Resp: 2962

Ion Ratio Lower Upper

105 100

120 25.5 20.6 30.8

77 19.3 13.0 19.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VU0

