

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121818\
 Data File : VU028770.D
 Acq On : 18 Dec 2018 15:16
 Operator : MD/SY
 Sample : J6441-04
 Misc : 3.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE8B7

Quant Time: Jan 07 00:21:51 2019
 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	206478	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	206470	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	111236	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	80118	41.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.10%
7) Chloroethane-d5	1.64	69	46691	32.30	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	64.60%#
11) 1,1-Dichloroethene-d2	2.23	63	100313	29.50	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.00%#
21) 2-Butanone-d5	4.19	46	118217	76.34	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.34%
24) Chloroform-d	4.64	84	122826	40.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.48%
26) 1,2-Dichloroethane-d4	5.30	65	79055	39.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.58%
32) Benzene-d6	5.33	84	274675	42.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.10%
36) 1,2-Dichloropropane-d6	6.33	67	95496	41.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.38%
41) Toluene-d8	7.56	98	252156	42.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.68%
43) trans-1,3-Dichloropropene-	7.85	79	43116	40.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.32%
47) 2-Hexanone-d5	8.32	63	104444	93.02	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.02%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	145818	48.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.82%
64) 1,2-Dichlorobenzene-d4	11.86	152	113417	50.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.50%

Target Compounds

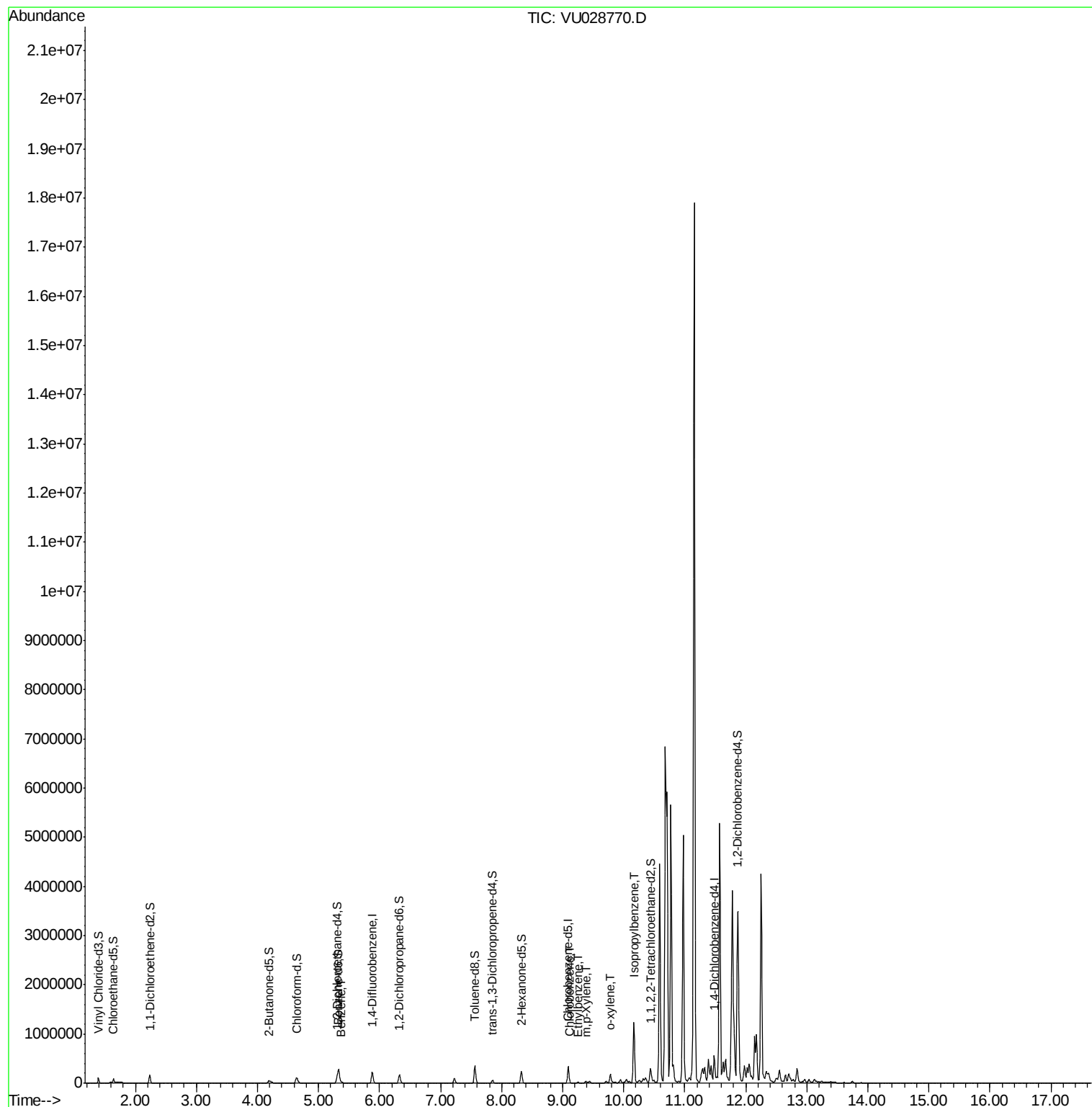
					Ovalue
33) Benzene	5.38	78	25366	3.444 ug/L	100
51) Chlorobenzene	9.12	112	5687	1.262 ug/L	95
52) Ethylbenzene	9.25	91	19664	2.374 ug/L	98
53) m,p-Xylene	9.38	106	10208	3.404 ug/L	92
54) o-xylene	9.78	106	50585	17.181 ug/L	100
56) Isopropylbenzene	10.17	105	826567	107.699 ug/L	98

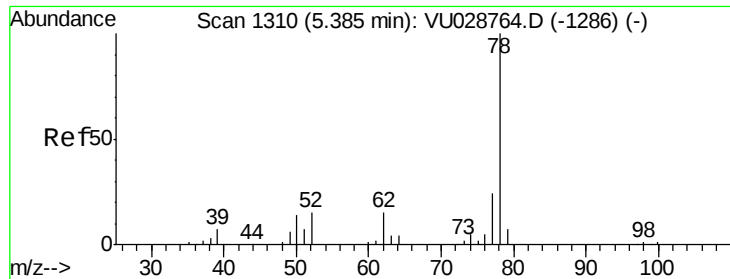
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 19 00:38:48 2018
Response via : Initial Calibration





#33

Benzene

Concen: 3.444 ug/L

RT: 5.38 min Scan# 1308

Delta R.T. -0.01 min

Lab File: VU028770.D

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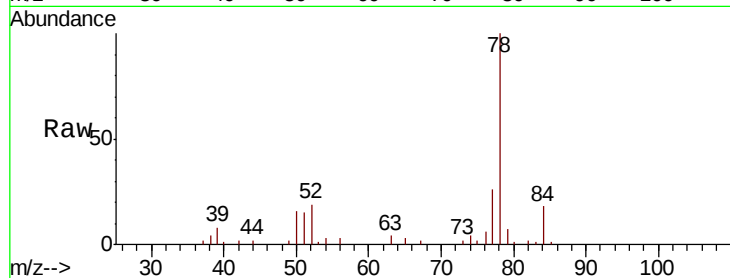
Instrument :

MSVOA_U

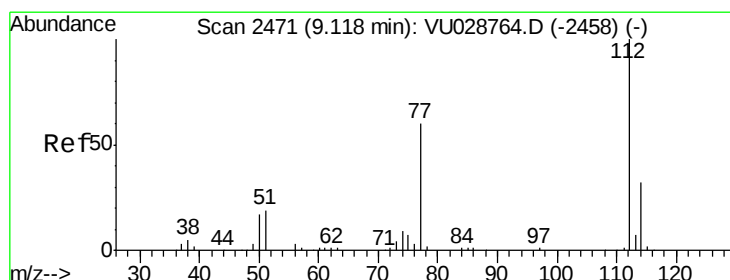
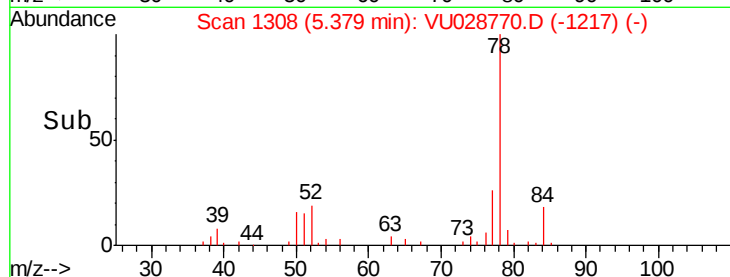
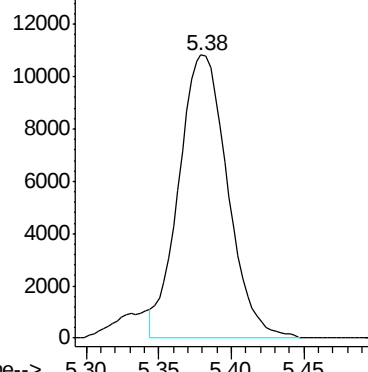
ClientSampleId :

BE8B7

Tgt Ion: 78 Resp: 25366



Abundance Ion 78.00 (77.70 to 78.70): VU0



#51

Chlorobenzene

Concen: 1.262 ug/L

RT: 9.12 min Scan# 2473

Delta R.T. 0.01 min

Lab File: VU028770.D

Acq: 18 Dec 2018 15:16

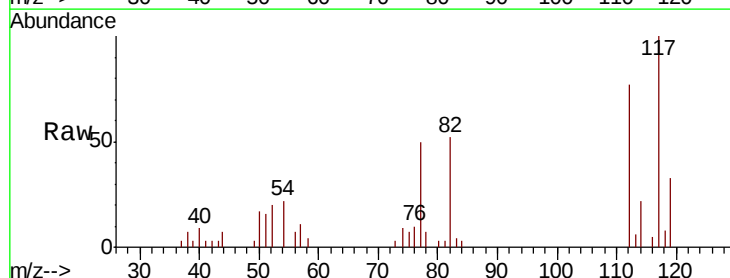
Tgt Ion: 112 Resp: 5687

Ion	Ratio	Lower	Upper
112	100		
114	28.6	23.0	42.6
77	64.3	53.9	80.9

112 100

114 28.6 23.0 42.6

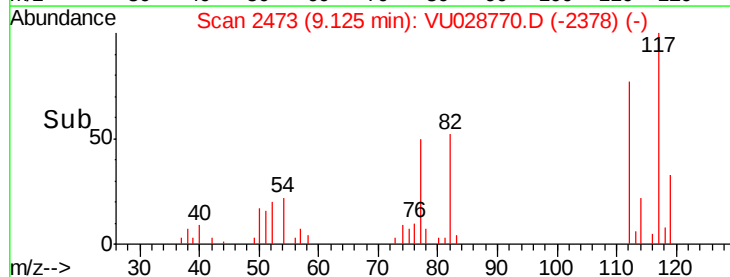
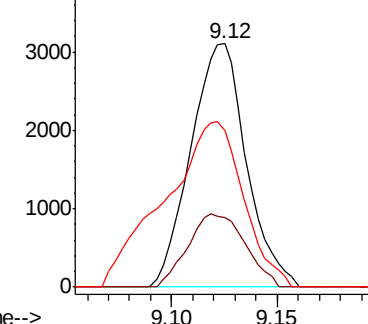
77 64.3 53.9 80.9

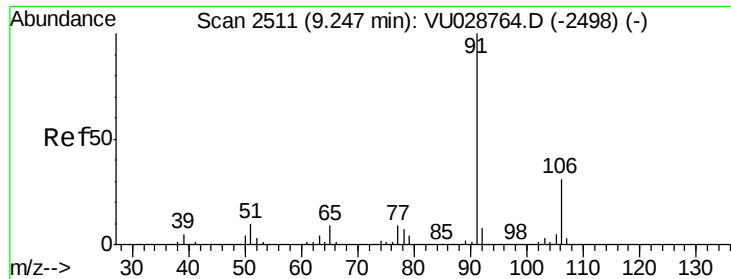


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0





#52

Ethylbenzene

Concen: 2.374 ug/L

RT: 9.25 min Scan# 2513

Delta R.T. 0.01 min

Lab File: VU028770.D

Acq: 18 Dec 2018 15:16

Instrument :

MSVOA_U

ClientSampleId :

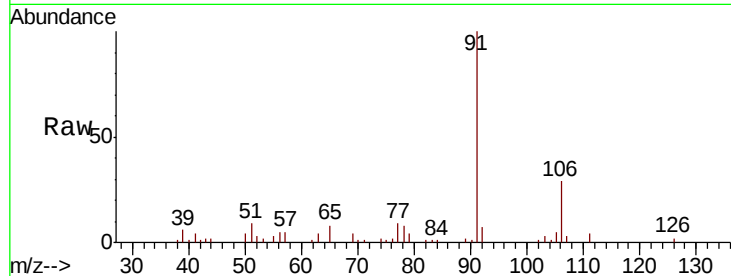
BE8B7

Tot Ion: 91 Resp: 19664

Ion Ratio Lower Upper

91 100

106 29.1 21.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VU028764.D (-2498) (-)

Ion 106.00 (105.70 to 106.70): VU028770.D (-2418) (-)

12000

10000

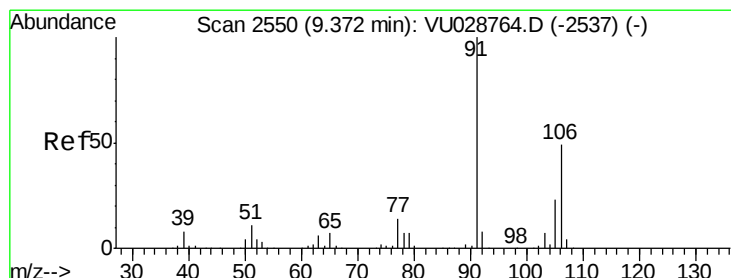
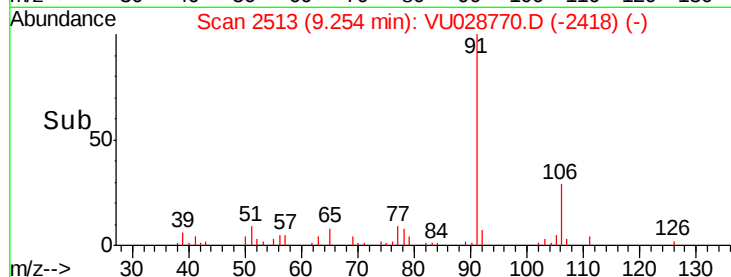
8000

6000

4000

2000

Time-->



#53

m,p-Xylene

Concen: 3.404 ug/L

RT: 9.38 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VU028770.D

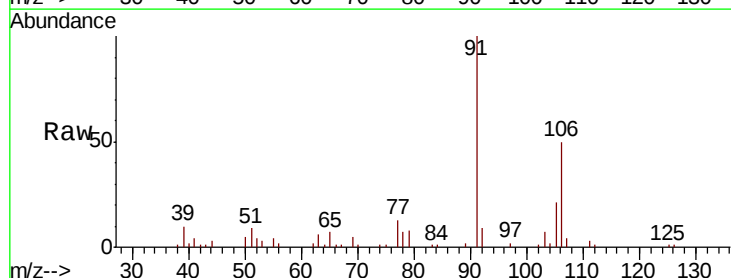
Acq: 18 Dec 2018 15:16

Tgt Ion: 106 Resp: 10208

Ion Ratio Lower Upper

106 100

91 200.2 148.8 276.4



Abundance Ion 106.00 (105.70 to 106.70): VU028770.D (-2418) (-)

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

12000

10000

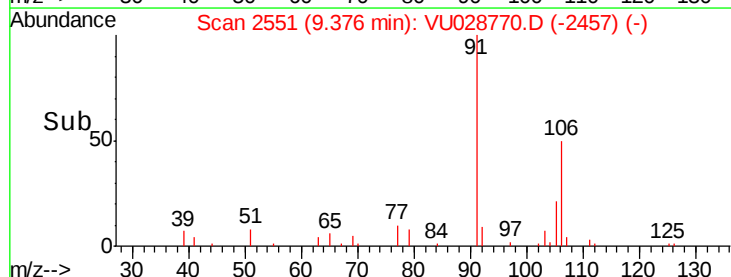
8000

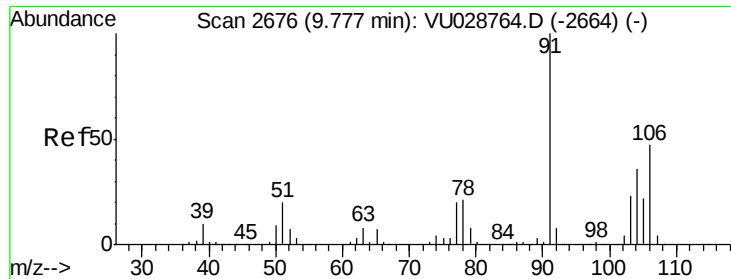
6000

4000

2000

Time-->





#54

o-xylene

Concen: 17.181 ug/L

RT: 9.78 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VU028770.D

Acq: 18 Dec 2018 15:16

Instrument :

MSVOA_U

ClientSampleId :

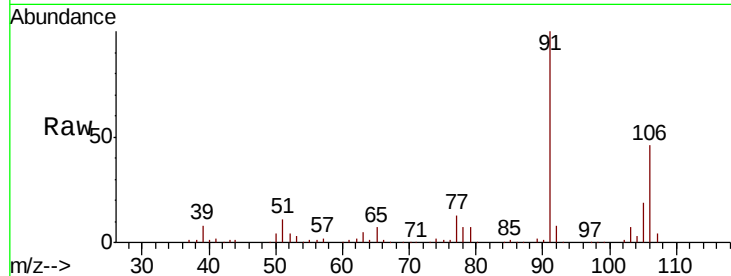
BE8B7

Tot Ion:106 Resp: 50585

Ion Ratio Lower Upper

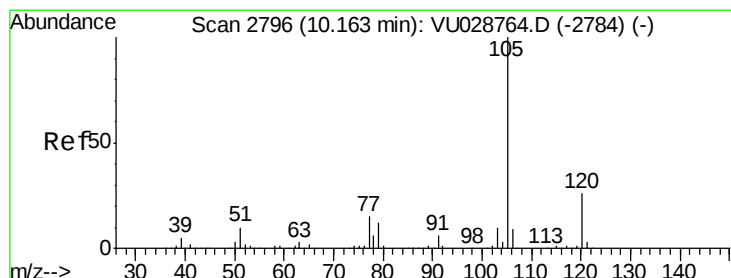
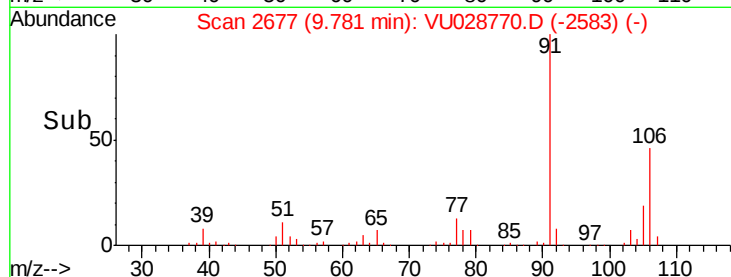
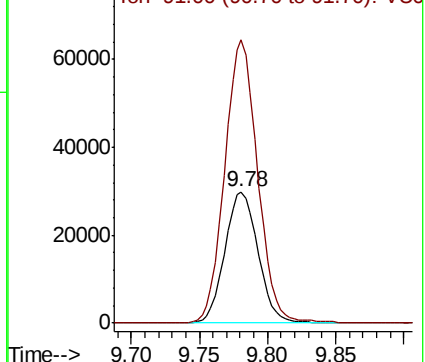
106 100

91 215.8 151.4 281.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#56

Isopropylbenzene

Concen: 107.699 ug/L

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU028770.D

Acq: 18 Dec 2018 15:16

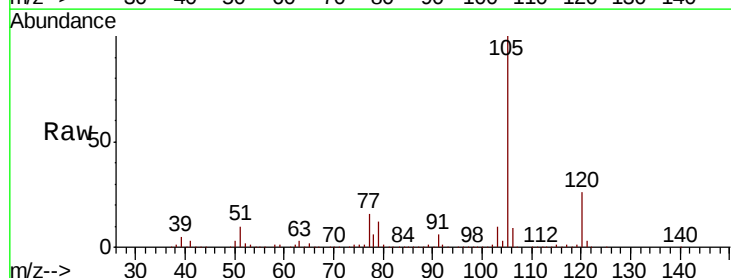
Tgt Ion:105 Resp: 826567

Ion Ratio Lower Upper

105 100

120 26.5 20.2 30.2

77 15.8 13.1 19.7



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

