

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U122418\
 Data File : VU028946.D
 Acq On : 24 Dec 2018 14:42
 Operator : MD/SY
 Sample : J6489-08
 Misc : 5.05g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F76

Manual Integrations
 APPROVED

sam
 12/28/2018 11:10:10 AM

Quant Time: Dec 26 09:24:41 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M

Quant Title : VOC Analysis

QLast Update : Tue Dec 25 00:02:36 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	253068	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	250836	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	136444	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	61125	30.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.26%
7) Chloroethane-d5	1.64	69	35833m	22.87	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	45.74%#
11) 1,1-Dichloroethene-d2	2.23	63	100368	29.42	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.84%#
21) 2-Butanone-d5	4.19	46	119901	84.35	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.35%
24) Chloroform-d	4.64	84	132512	41.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.08%
26) 1,2-Dichloroethane-d4	5.30	65	83326	42.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.74%
32) Benzene-d6	5.33	84	289763	40.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.78%
36) 1,2-Dichloropropane-d6	6.33	67	97451	40.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.96%
41) Toluene-d8	7.56	98	293629	45.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.44%
43) trans-1,3-Dichloropropene-	7.85	79	49410	45.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.60%
47) 2-Hexanone-d5	8.32	63	116061	101.51	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.51%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	159754	47.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	128703	46.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.28%

Target Compounds					Qvalue
29) Cyclohexane	4.97	56	34584	10.359 ug/L	91
35) Methylcyclohexane	6.40	83	180524	56.220 ug/L	96
53) m,p-Xylene	9.38	106	31981	9.943 ug/L	92
54) o-xylene	9.78	106	29054	9.013 ug/L	98
56) Isopropylbenzene	10.17	105	69185	8.460 ug/L #	91

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

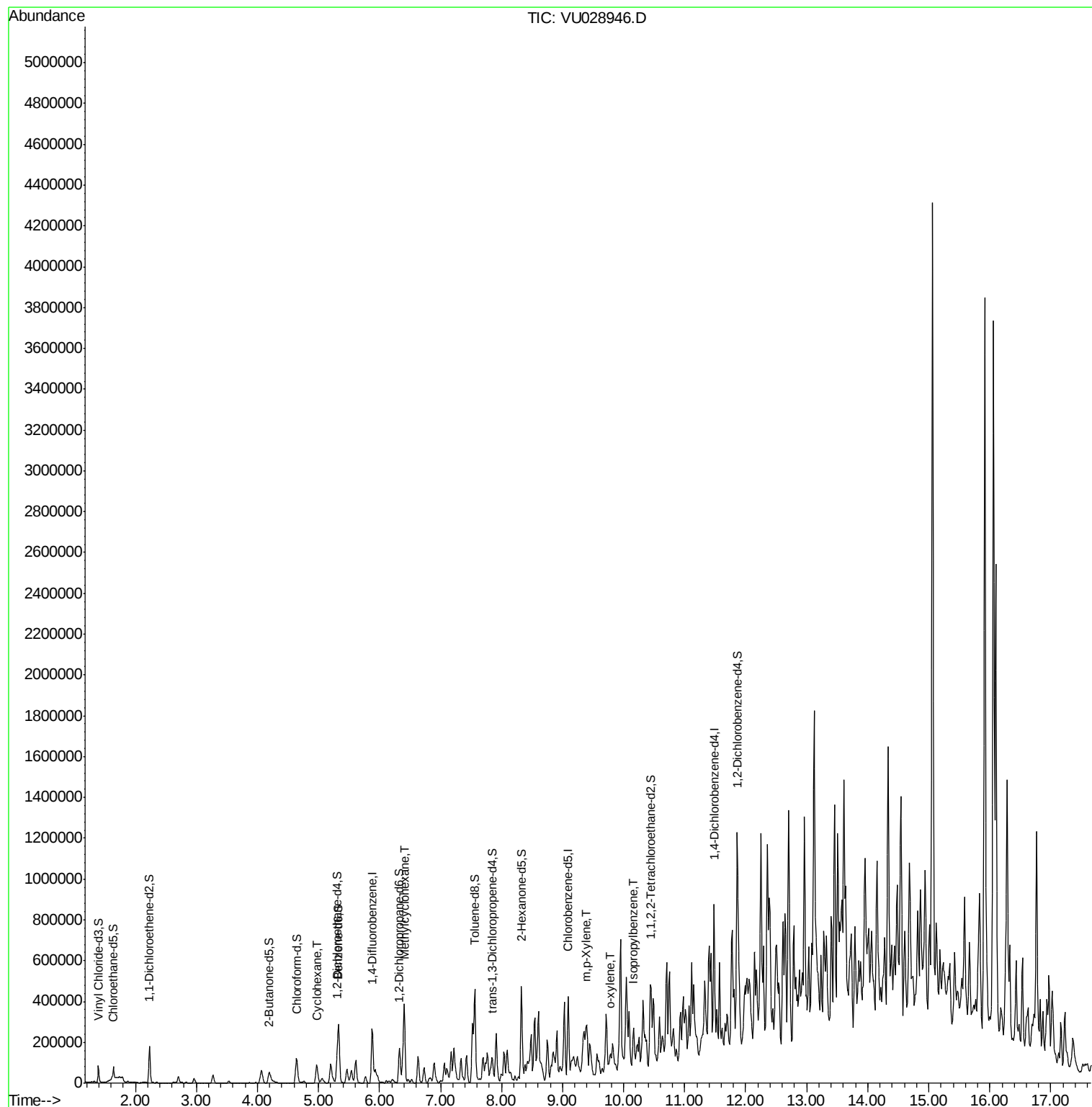
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU122418\
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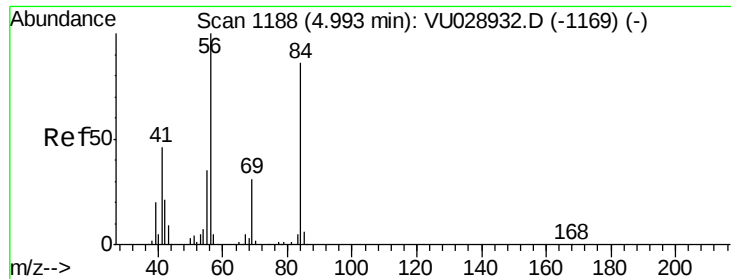
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
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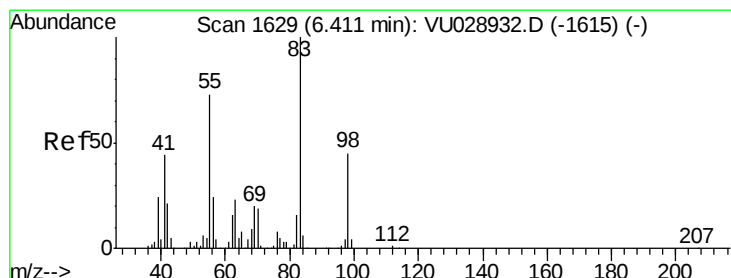
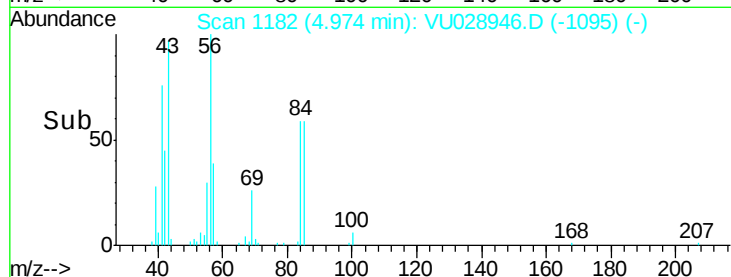
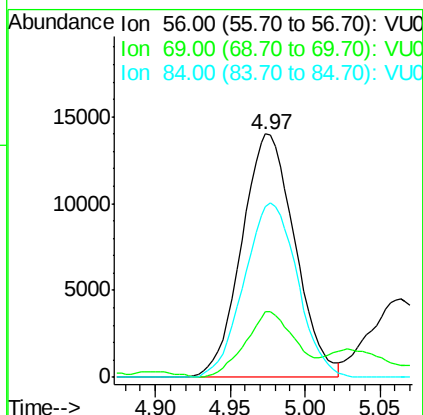
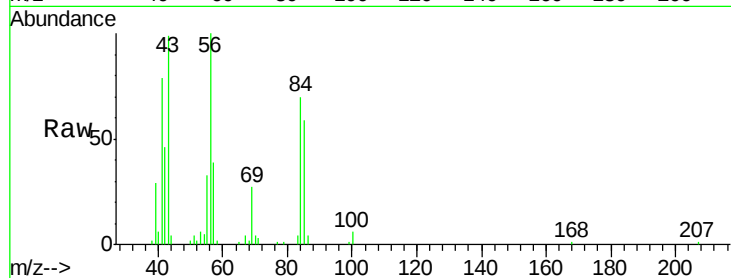
#29
Cyclohexane
Concen: 10.359 ug/L
RT: 4.97 min Scan# 1182
Delta R.T. -0.02 min
Lab File: VU028946.D
Acq: 24 Dec 2018 14:42

Instrument :
MSVOA_U
ClientSampleId :
F9F76

Tgt Ion	Ratio	Lower	Upper
56	100		
69	25.7	23.8	35.8
84	71.8	63.8	95.8

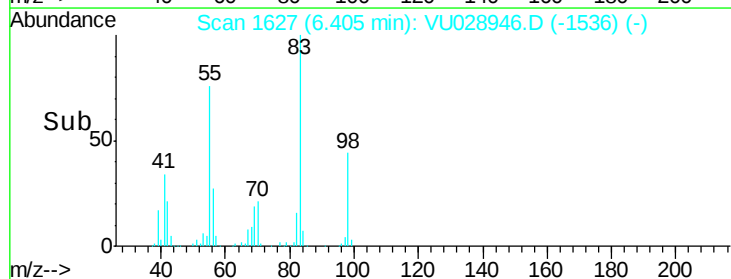
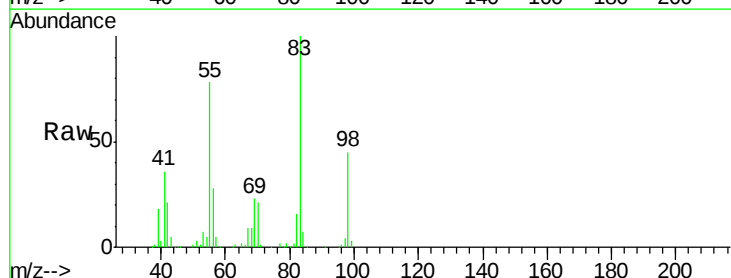
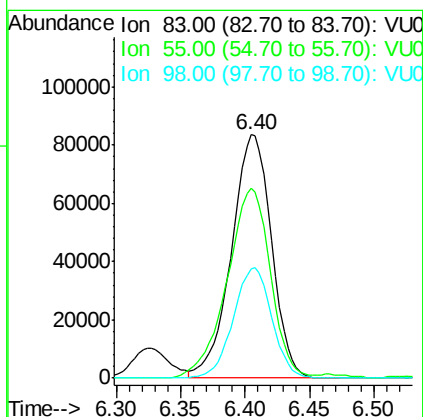
Manual Integrations
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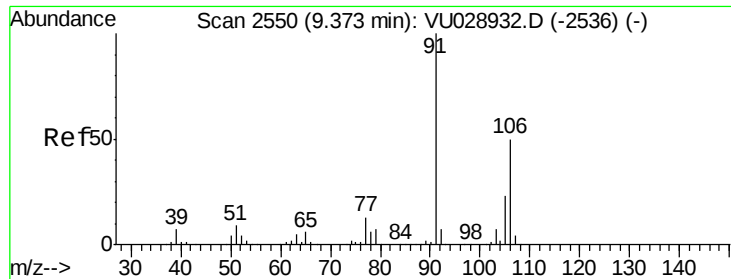
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#35
Methylcyclohexane
Concen: 56.220 ug/L
RT: 6.40 min Scan# 1627
Delta R.T. -0.01 min
Lab File: VU028946.D
Acq: 24 Dec 2018 14:42

Tgt Ion	Ratio	Lower	Upper
83	100		
55	84.0	63.7	95.5
98	43.7	35.6	53.4





#53

m,p-Xylene

Concen: 9.943 ug/L

RT: 9.38 min Scan# 2552

Delta R.T. 0.01 min

Lab File: VU028946.D

Acq: 24 Dec 2018 14:42

Instrument :

MSVOA_U

ClientSampleId :

F9F76

Tgt Ion:106 Resp: 31981

Ion Ratio Lower Upper

106 100

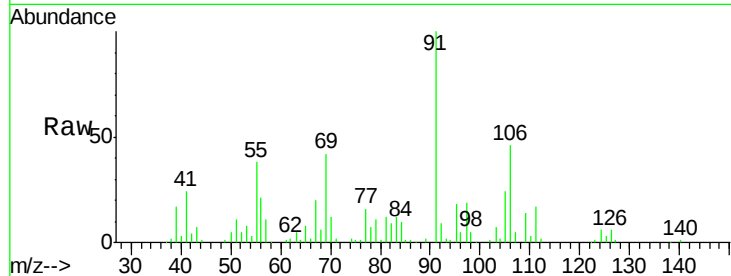
91 217.5 144.1 267.5

Manual Integrations

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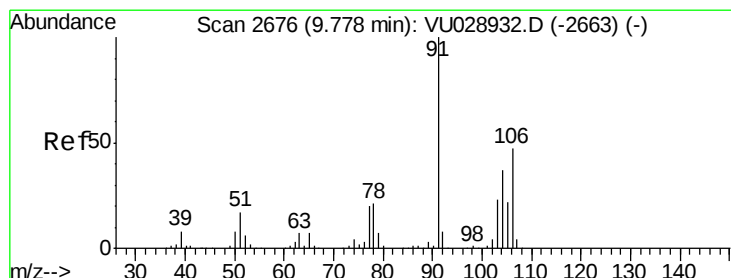
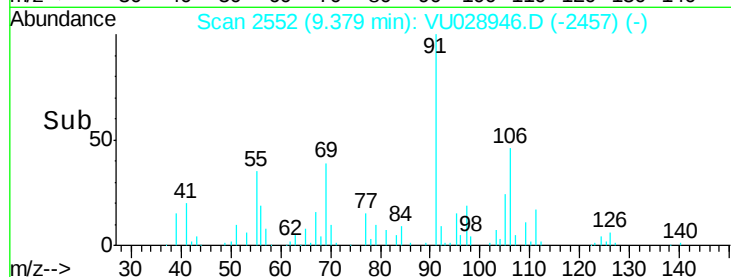
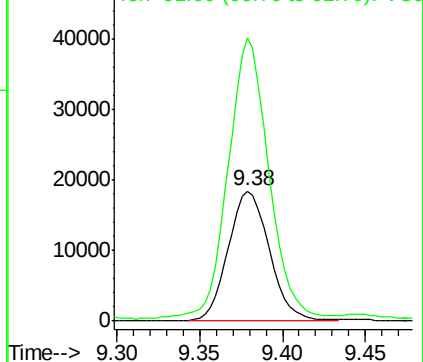
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 9.013 ug/L

RT: 9.78 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VU028946.D

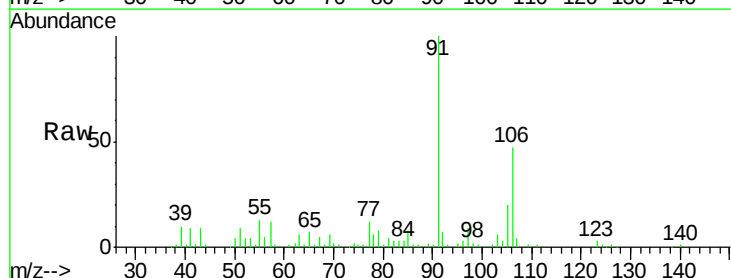
Acq: 24 Dec 2018 14:42

Tgt Ion:106 Resp: 29054

Ion Ratio Lower Upper

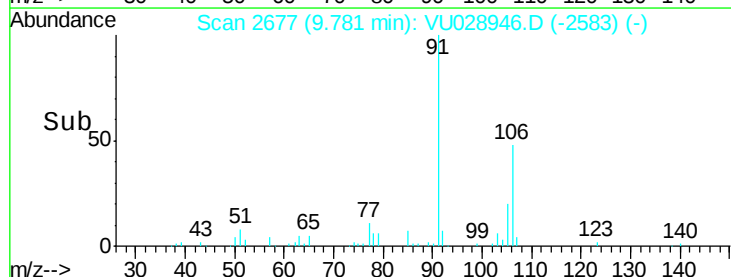
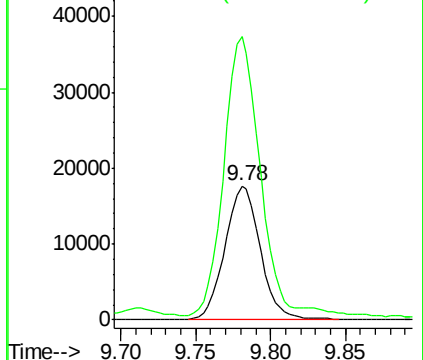
106 100

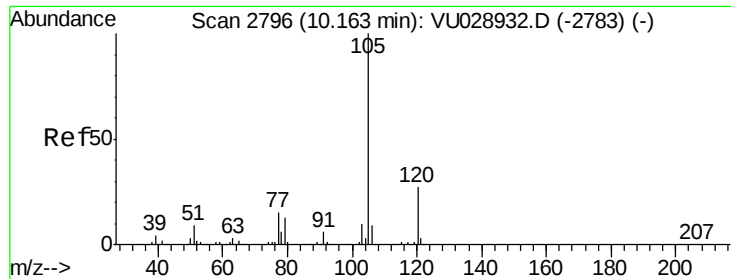
91 211.7 150.4 279.4



Abundance Ion 106.00 (105.70 to 106.70): V

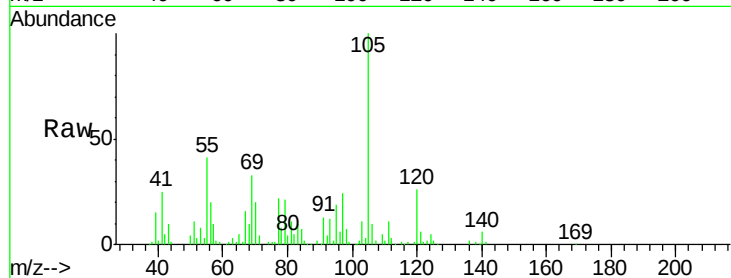
Ion 91.00 (90.70 to 91.70): VU0





#56
Isopropylbenzene
Concen: 8.460 ug/L
RT: 10.17 min Scan# 2797
Delta R.T. 0.00 min
Lab File: VU028946.D
Acq: 24 Dec 2018 14:42

Instrument :
MSVOA_U
ClientSampleId :
F9F76



Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
120	25.9	21.4	32.2
77	24.0	12.3	18.5

Manual Integrations
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