

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\
 Data File : VU037675.D
 Acq On : 10 Apr 2020 16:04
 Operator : JC/MD
 Sample : L2176-07ME
 Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG2J3ME

Manual Integrations
 APPROVED

apatel
 4/14/2020 10:00:44 AM

Quant Time: Apr 14 12:05:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 10 23:26:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	556543	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	551575	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	281631	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	174123	35.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.58%
7) Chloroethane-d5	1.89	69	123047	31.29	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	62.58%#
11) 1,1-Dichloroethene-d2	2.56	63	239014m	30.15	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.30%
21) 2-Butanone-d5	4.67	46	340776	86.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.45%
24) Chloroform-d	5.10	84	312667	42.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.52%
26) 1,2-Dichloroethane-d4	5.73	65	239962	48.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.62%
32) Benzene-d6	5.75	84	708184	43.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.28%
36) 1,2-Dichloropropane-d6	6.72	67	243660	45.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.22%
41) Toluene-d8	7.92	98	650936	43.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.52%
43) trans-1,3-Dichloropropene-	8.20	79	130525	44.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.40%
47) 2-Hexanone-d5	8.67	63	325093	105.12	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.12%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	377737	49.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.02%
64) 1,2-Dichlorobenzene-d4	12.21	152	259927	44.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.70%

Target Compounds					Ovalue
35) Methylcyclohexane	6.78	83	50125	6.837 ug/L	87
53) m,p-Xylene	9.71	106	1829170	240.966 ug/L	97
54) o-xylene	10.12	106	8055	1.070 ug/L	87
56) Isopropylbenzene	10.50	105	114678	5.850 ug/L #	94

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

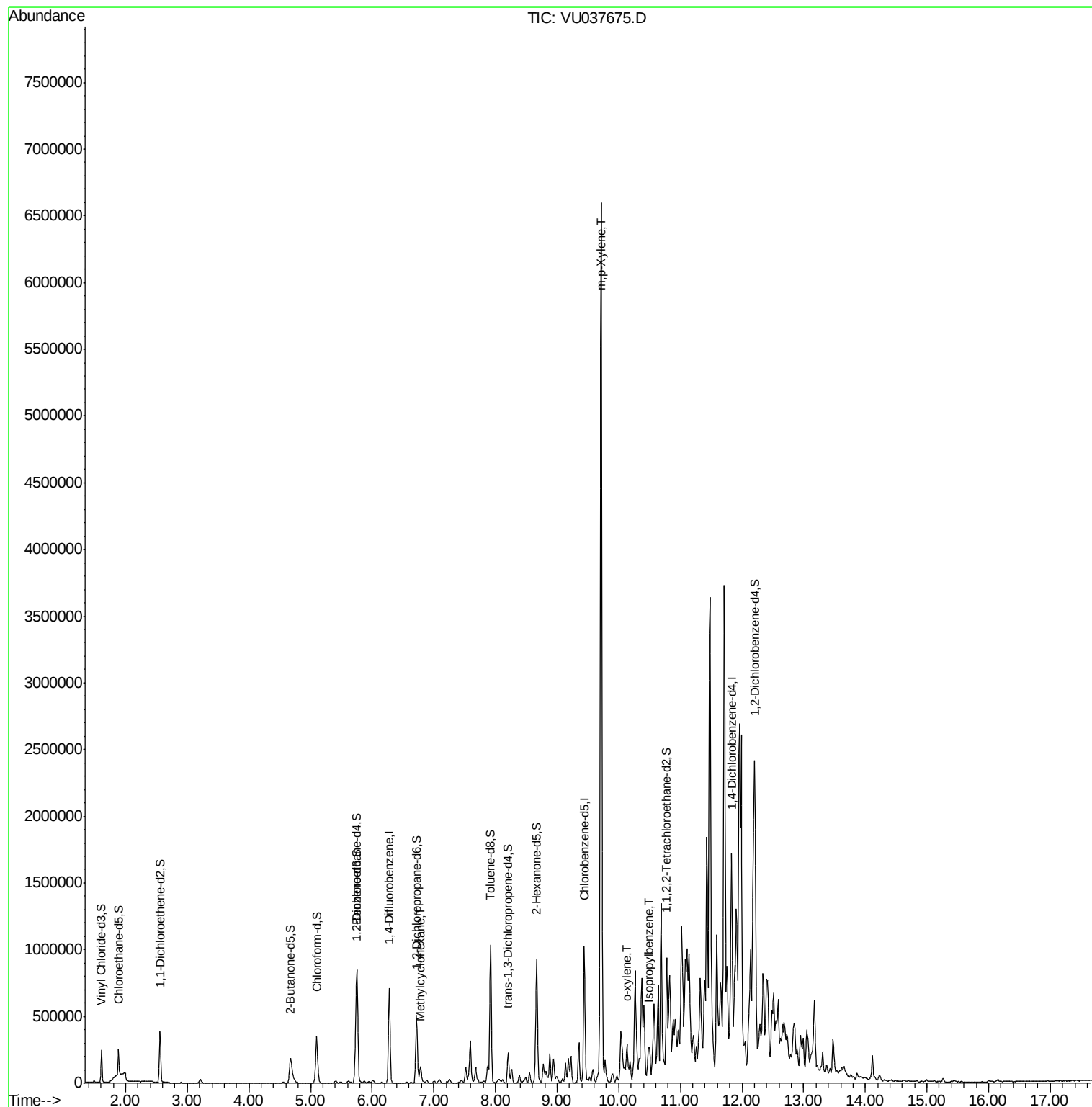
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU040920\
Data File : VU037675.D
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ALS Vial : 12 Sample Multiplier: 1

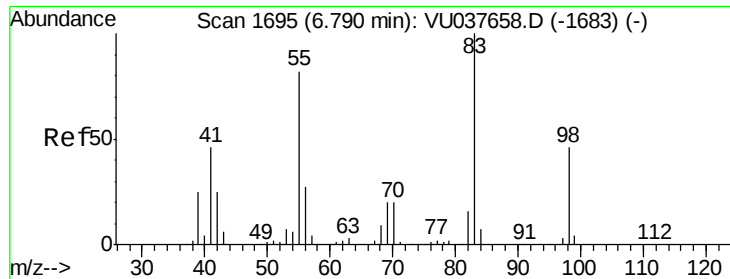
Instrument :
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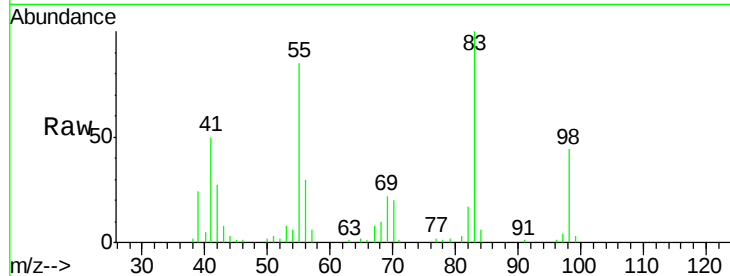
#35
Methvlcvclohexane
Concen: 6.837 ug/L
RT: 6.78 min Scan# 1693
Delta R.T. -0.01 min
Lab File: VU037675.D
Acq: 10 Apr 2020 16:04

Instrument :
MSVOA_U
ClientSampleId :
BG2J3ME

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	96.7	64.6	96.8	
98	45.4	38.0	57.0	

Manual Integrations
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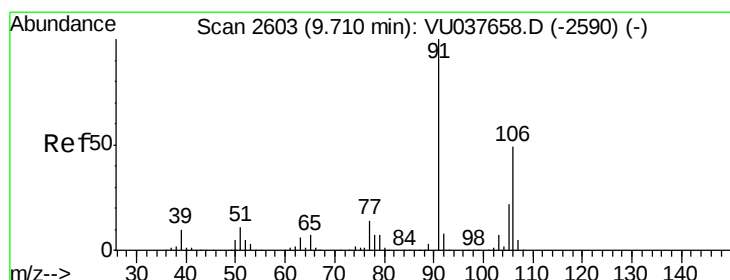
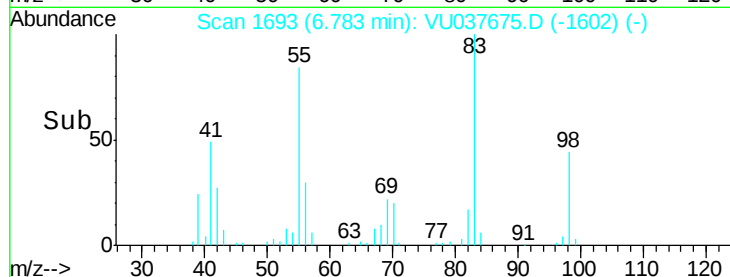
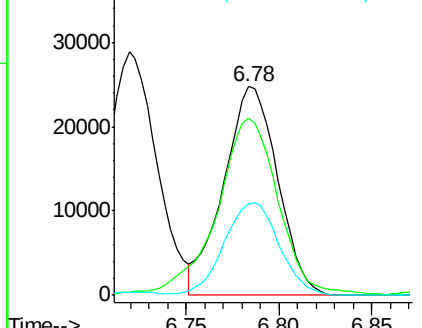


Abundance

Ion 83.00 (82.70 to 83.70): VU037675.D (-1602) (-)

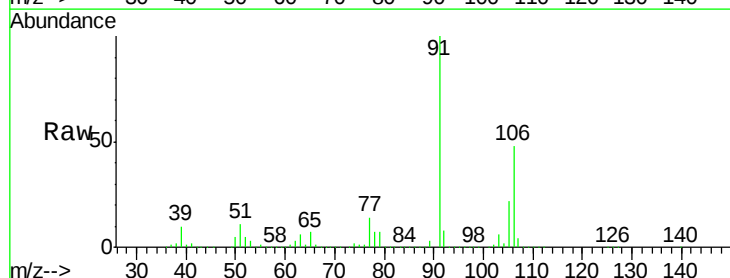
Ion 55.00 (54.70 to 55.70): VU037675.D (-1602) (-)

Ion 98.00 (97.70 to 98.70): VU037675.D (-1602) (-)



#53
m,p-Xylene
Concen: 240.966 ug/L
RT: 9.71 min Scan# 2604
Delta R.T. 0.00 min
Lab File: VU037675.D
Acq: 10 Apr 2020 16:04

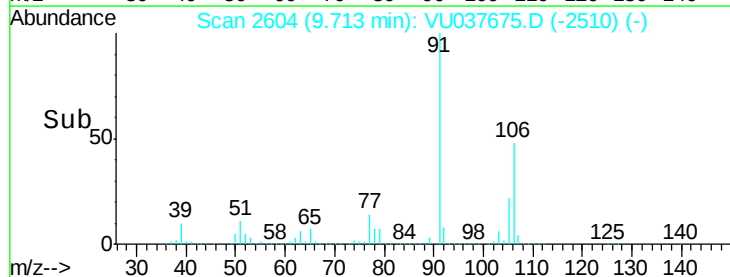
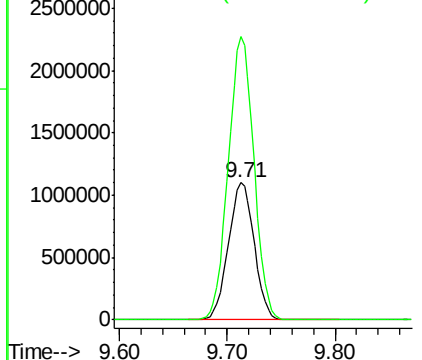
Tgt Ion	Ratio	Resp	Lower	Upper
106	100			
91	206.5	140.8	261.6	

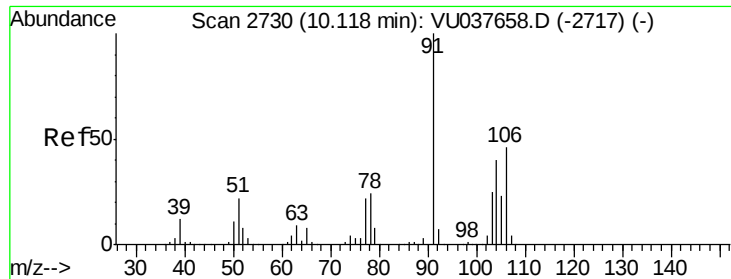


Abundance

Ion 106.00 (105.70 to 106.70): VU037675.D (-2510) (-)

Ion 91.00 (90.70 to 91.70): VU037675.D (-2510) (-)





#54

o-xylene

Concen: 1.070 ug/L

RT: 10.12 min Scan# 2731

Delta R.T. 0.00 min

Lab File: VU037675.D

Acq: 10 Apr 2020 16:04

Instrument :

MSVOA_U

ClientSampleId :

BG2J3ME

Tot Ion:106 Resp: 8055

Ion Ratio Lower Upper

106 100

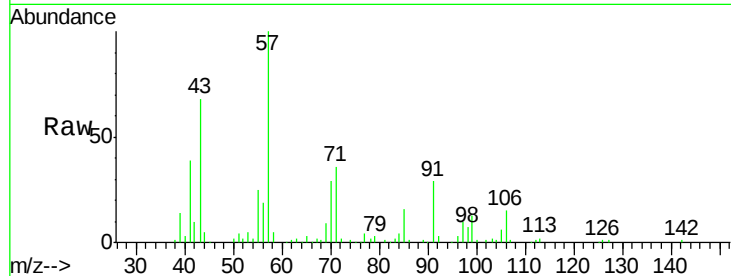
91 195.0 151.1 280.5

Manual Integrations

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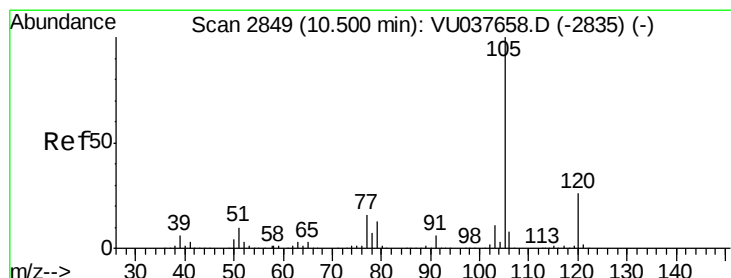
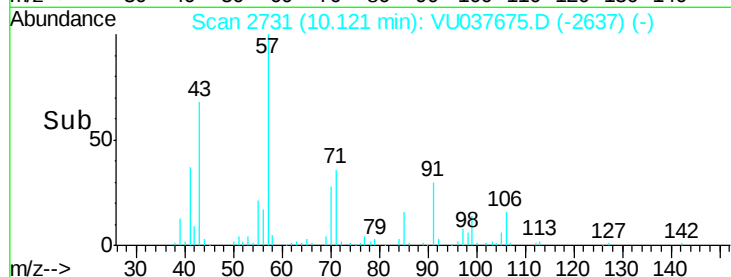
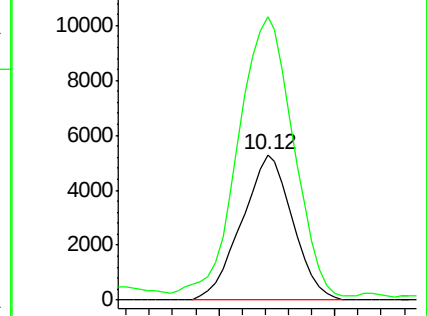
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4/14/2020 10:00:44 AM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#56

Isopropylbenzene

Concen: 5.850 ug/L

RT: 10.50 min Scan# 2850

Delta R.T. 0.00 min

Lab File: VU037675.D

Acq: 10 Apr 2020 16:04

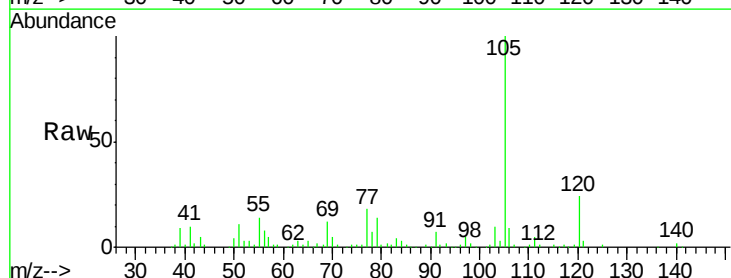
Tgt Ion:105 Resp: 114678

Ion Ratio Lower Upper

105 100

120 24.6 20.7 31.1

77 20.9 12.7 19.1#



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

