

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041320\
 Data File : VU037688.D
 Acq On : 13 Apr 2020 16:58
 Operator : JC/MD
 Sample : L2176-04ME
 Misc : 2.06g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG2J0ME

Manual Integrations
 APPROVED

MMDadoda
 4/14/2020 12:37:11 PM

Quant Time: Apr 14 05:28:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 14 03:27:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	650314	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	630183	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	374008	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	198154	34.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.72%
7) Chloroethane-d5	1.88	69	121744	26.50	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	53.00%#
11) 1,1-Dichloroethene-d2	2.55	63	262182m	28.30	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.60%#
21) 2-Butanone-d5	4.68	46	354524	76.97	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.97%
24) Chloroform-d	5.10	84	344853	40.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.72%
26) 1,2-Dichloroethane-d4	5.73	65	249623	43.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.02%
32) Benzene-d6	5.75	84	768747	41.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.92%
36) 1,2-Dichloropropane-d6	6.72	67	271568	44.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.00%
41) Toluene-d8	7.92	98	744500	43.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.62%
43) trans-1,3-Dichloropropene-	8.20	79	137456	41.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.40%
47) 2-Hexanone-d5	8.67	63	353579	100.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.07%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	376734	43.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.44%
64) 1,2-Dichlorobenzene-d4	12.21	152	350770	45.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.14%

Target Compounds

					Ovalue
29) Cyclohexane	5.41	56	11601	1.339 ug/L #	95
35) Methylcyclohexane	6.78	83	509999	60.884 ug/L #	83
42) Toluene	7.99	91	24020	1.179 ug/L	97
52) Ethylbenzene	9.59	91	42081	1.842 ug/L	93
53) m,p-Xylene	9.72	106	25083	2.892 ug/L	77
56) Isopropylbenzene	10.50	105	442916	19.776 ug/L	97

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

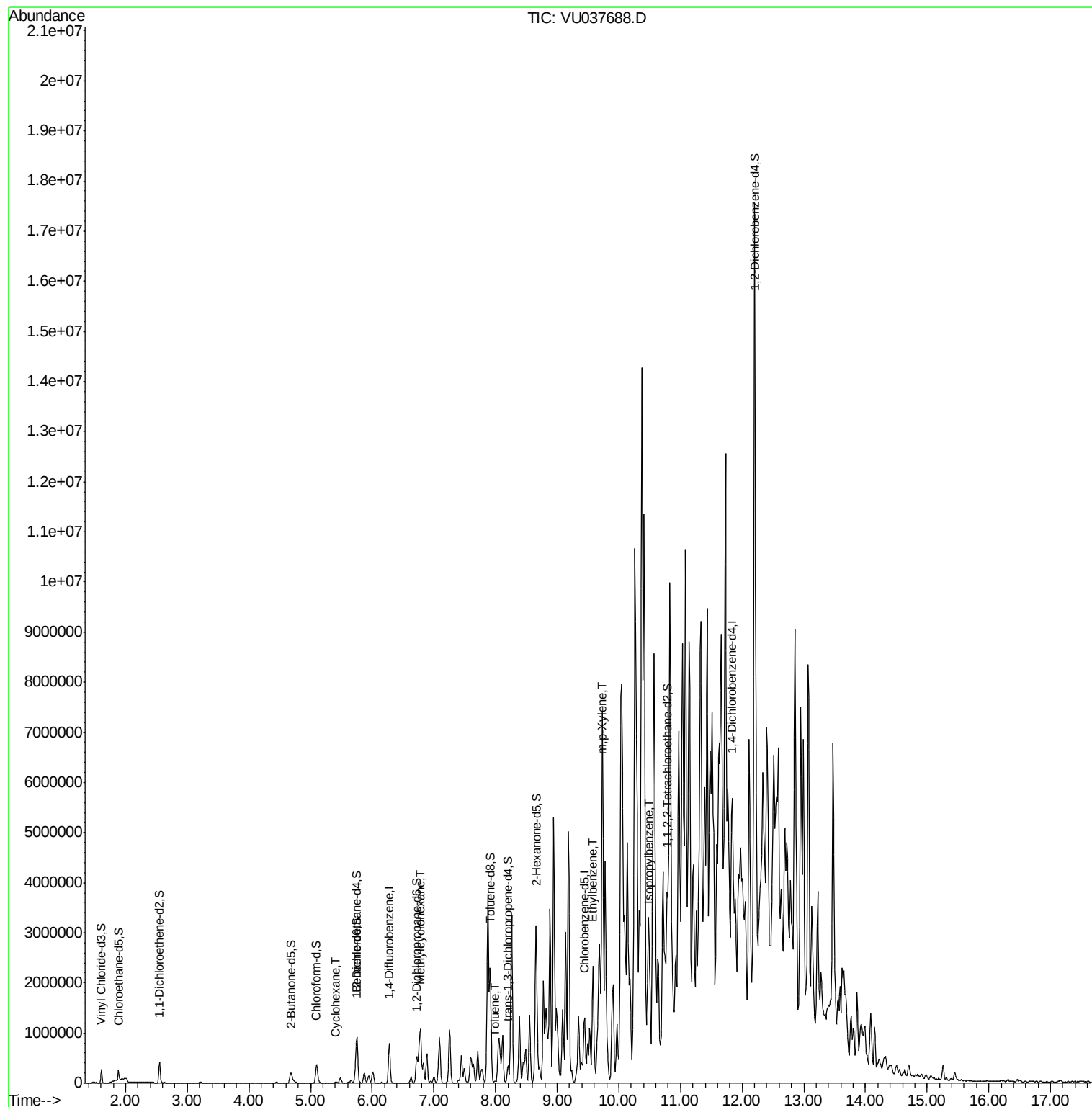
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU041320\
Data File : VU037688.D
Acq On : 13 Apr 2020 16:58
Operator : JC/MD
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Misc : 2.06µ/5.0mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

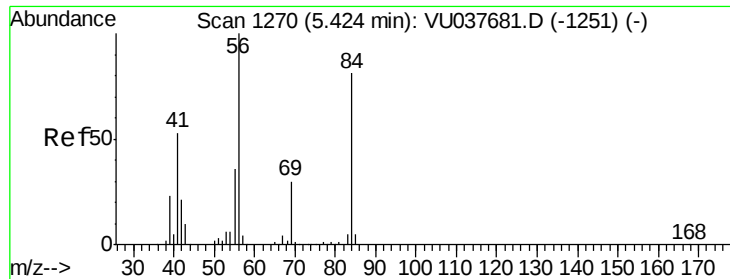
Instrument :
MSVOA_U
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
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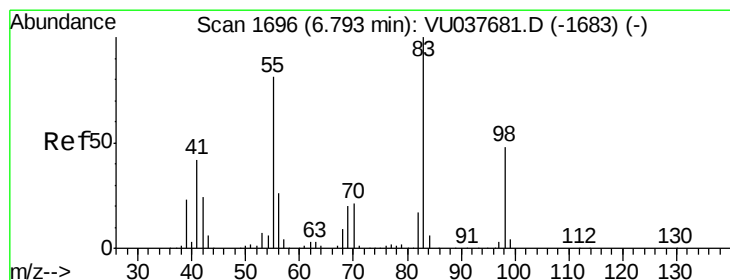
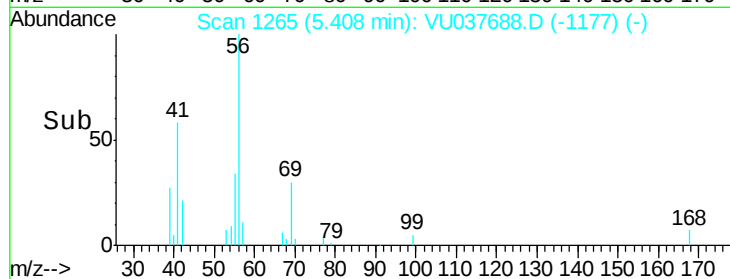
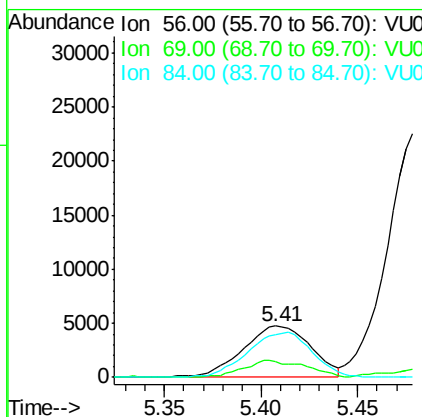
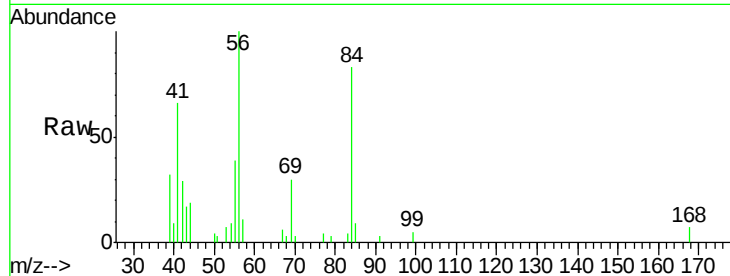
#29
Cyclohexane
Concen: 1.339 ug/L
RT: 5.41 min Scan# 1265
Delta R.T. -0.02 min
Lab File: VU037688.D
Acq: 13 Apr 2020 16:58

Instrument :
MSVOA_U
ClientSampleId :
BG2J0ME

Tot Ion	Ratio	Lower	Upper
56	100		
69	20.6	24.0	36.0#
84	83.7	66.3	99.5

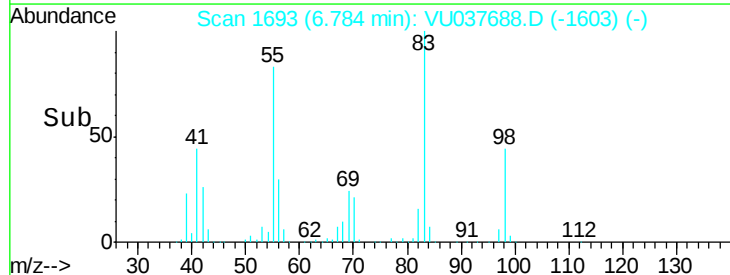
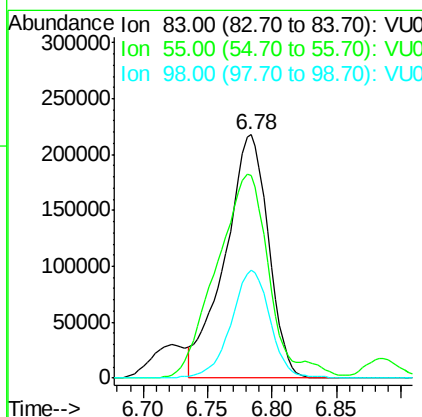
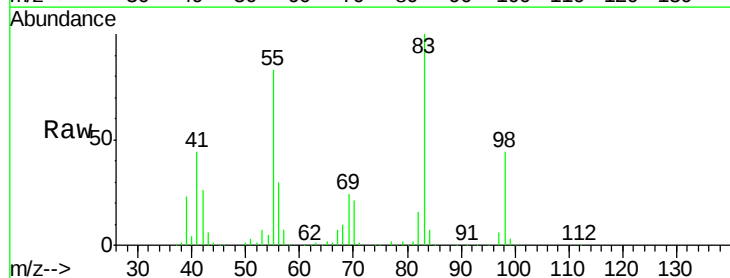
Manual Integrations
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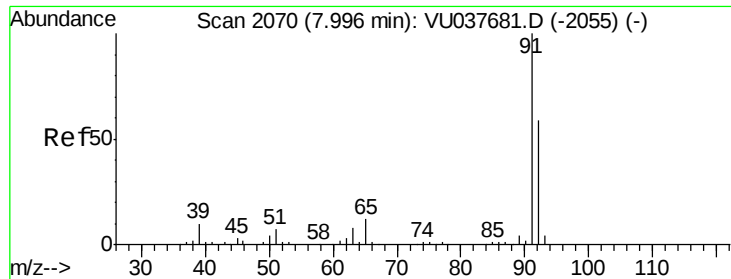
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#35
Methylcyclohexane
Concen: 60.884 ug/L
RT: 6.78 min Scan# 1693
Delta R.T. -0.01 min
Lab File: VU037688.D
Acq: 13 Apr 2020 16:58

Tgt Ion	Ratio	Lower	Upper
83	100		
55	97.9	64.6	96.8#
98	39.6	38.0	57.0





#42

Toluene

Concen: 1.179 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU037688.D

Acq: 13 Apr 2020 16:58

Instrument :

MSVOA_U

ClientSampleId :

BG2J0ME

Tot Ion: 91 Resp: 24020

Ion Ratio Lower Upper

91 100

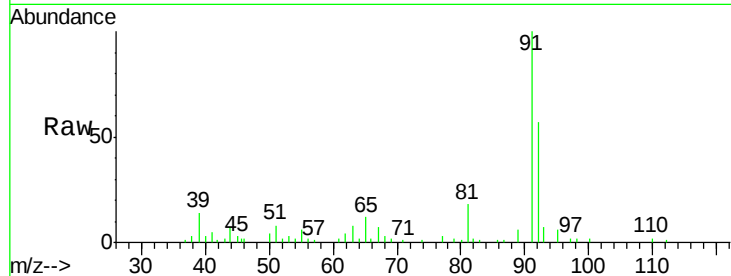
92 57.2 41.8 77.6

Manual Integrations

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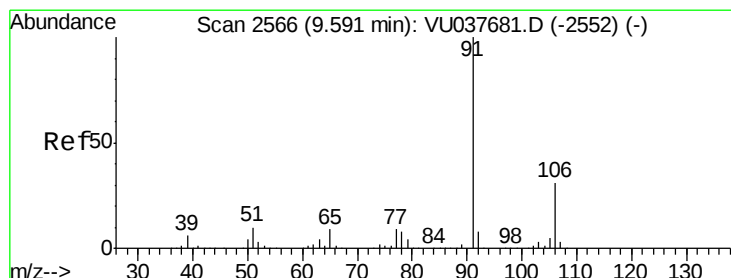
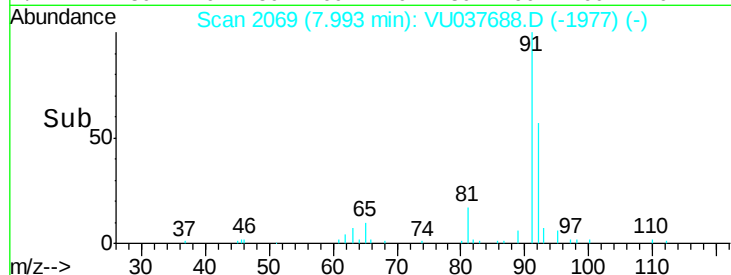
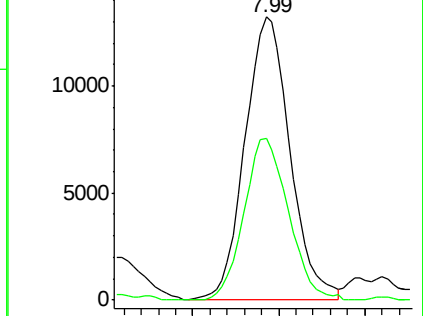
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Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0



#52

Ethylbenzene

Concen: 1.842 ug/L

RT: 9.59 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VU037688.D

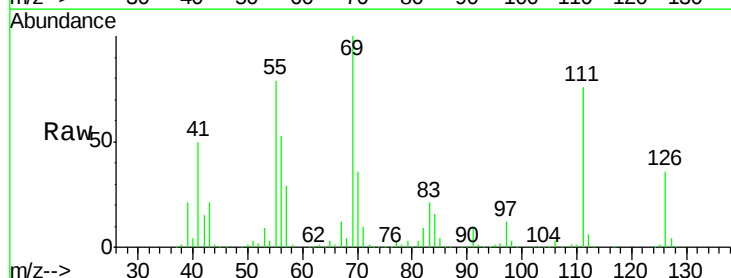
Acq: 13 Apr 2020 16:58

Tgt Ion: 91 Resp: 42081

Ion Ratio Lower Upper

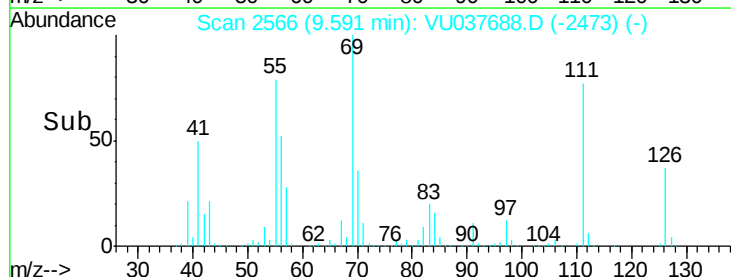
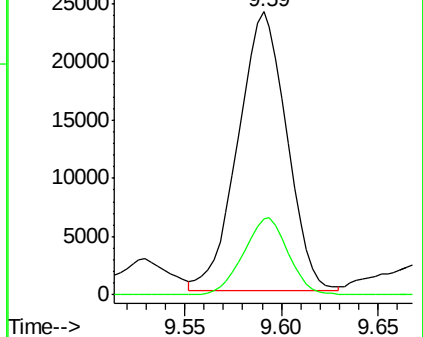
91 100

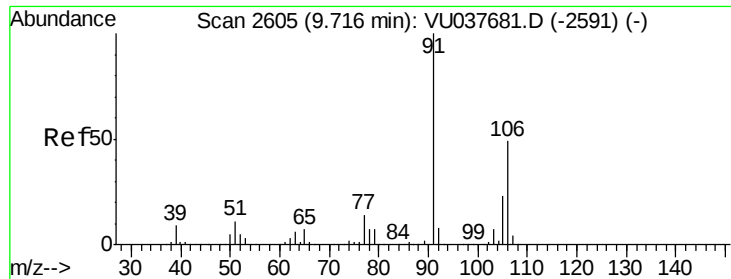
106 26.9 21.6 40.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V





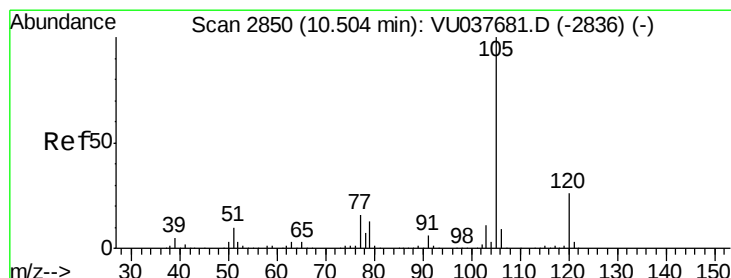
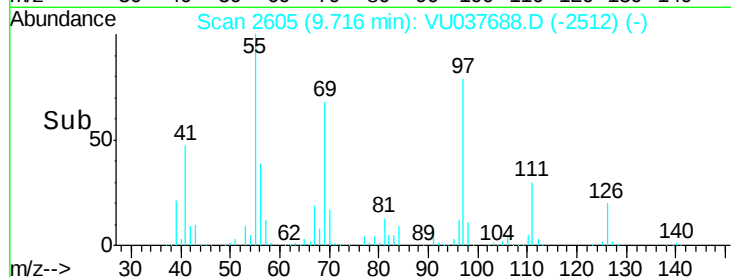
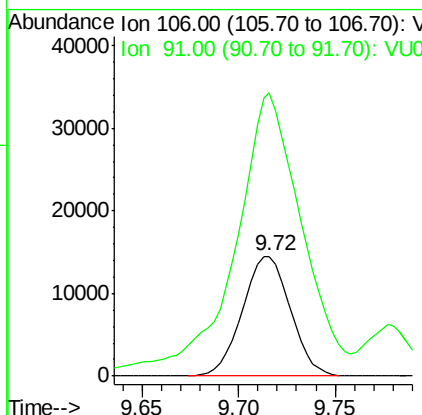
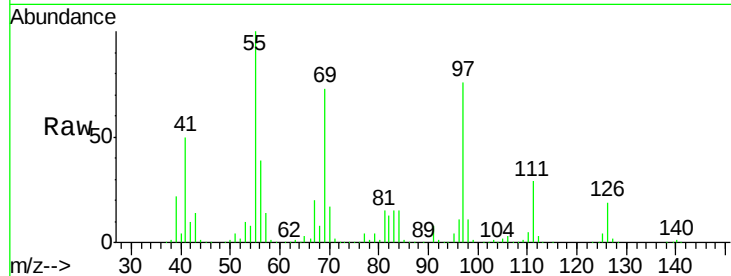
#53
m,p-Xylene
Concen: 2.892 ug/L
RT: 9.72 min Scan# 2605
Delta R.T. 0.00 min
Lab File: VU037688.D
Acq: 13 Apr 2020 16:58

Instrument :
MSVOA_U
ClientSampleId :
BG2J0ME

Tot Ion:106 Resp: 25083
Ion Ratio Lower Upper
106 100
91 235.8 140.8 261.6

Manual Integrations
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#56
Isopropylbenzene
Concen: 19.776 ug/L
RT: 10.50 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VU037688.D
Acq: 13 Apr 2020 16:58

Tgt Ion:105 Resp: 442916
Ion Ratio Lower Upper
105 100
120 25.6 20.7 31.1
77 18.8 12.7 19.1

